

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034417.D
 Acq On : 09 Sep 2019 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 4:17:19 PM

Quant Time: Sep 10 05:45:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	283355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	379152	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	386126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	267563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	206245	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	4.86	113	188863	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	7.54	98	720549	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	10.29	95	272871	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	140935	47.557	ug/l	98
3) Chloromethane	1.32	50	153837	48.046	ug/l	100
4) Vinyl Chloride	1.40	62	166807	45.170	ug/l	99
5) Bromomethane	1.61	94	104064	56.038	ug/l	99
6) Chloroethane	1.69	64	108608	50.613	ug/l	96
7) Trichlorofluoromethane	1.88	101	242419	48.959	ug/l	98
8) Diethyl Ether	2.09	74	104985	48.203	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	164942	50.295	ug/l	98
10) Methyl Iodide	2.40	142	119565	40.630	ug/l	99
11) Tert butyl alcohol	2.81	59	185721	205.049	ug/l	100
12) 1,1-Dichloroethene	2.27	96	146268	47.445	ug/l	98
13) Acrolein	2.18	56	178094	233.945	ug/l	99
14) Allyl chloride	2.58	41	261079m	44.296	ug/l	
15) Acrylonitrile	2.92	53	543859	241.126	ug/l	98
16) Acetone	2.31	43	666101	300.231	ug/l	98
17) Carbon Disulfide	2.47	76	297539	42.942	ug/l	99
18) Methyl Acetate	2.60	43	237486	43.991	ug/l	96
19) Methyl tert-butyl Ether	2.98	73	548084	48.775	ug/l	100
20) Methylene Chloride	2.69	84	191003	52.581	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	155422	47.840	ug/l	97
22) Diisopropyl ether	3.55	45	568574	49.467	ug/l	98
23) Vinyl Acetate	3.50	43	2305148	246.208	ug/l	98
24) 1,1-Dichloroethane	3.43	63	327717	47.743	ug/l	100
25) 2-Butanone	4.23	43	787308	265.841	ug/l	98
26) 2,2-Dichloropropane	4.20	77	269918	48.892	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	192627	48.819	ug/l	97
28) Bromochloromethane	4.52	49	161304	51.090	ug/l	96
29) Tetrahydrofuran	4.61	42	427865	237.421	ug/l	99
30) Chloroform	4.65	83	335637	48.105	ug/l	99
31) Cyclohexane	4.97	56	230194	45.840	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	274817	49.264	ug/l	99
36) 1,1-Dichloropropene	5.12	75	214615	52.193	ug/l	100
37) Ethyl Acetate	4.36	43	247435	50.895	ug/l	100
38) Carbon Tetrachloride	5.11	117	232034	52.850	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	225235	51.240	ug/l	100
40) Benzene	5.37	78	702111	52.917	ug/l	99
41) Methacrylonitrile	4.52	41	137812	53.217	ug/l	99
42) 1,2-Dichloroethane	5.38	62	239799	52.055	ug/l	99
43) Isopropyl Acetate	5.53	43	376075	49.587	ug/l	99
44) Trichloroethene	6.16	130	192225	52.355	ug/l	99
45) 1,2-Dichloropropane	6.41	63	205006	52.852	ug/l	98
46) Dibromomethane	6.54	93	128946	52.960	ug/l	95
47) Bromodichloromethane	6.73	83	268694	53.613	ug/l	98
48) Methyl methacrylate	6.60	41	178382	49.521	ug/l	96
49) 1,4-Dioxane	6.59	88	73801	938.253	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1341270	255.494	ug/l	99
52) Toluene	7.62	92	454080	54.556	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	272374	52.427	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	309567	54.290	ug/l	100
55) 1,1,2-Trichloroethane	8.04	97	207147	54.810	ug/l	99
56) Ethyl methacrylate	8.00	69	273807	47.828	ug/l	97
57) 1,3-Dichloropropane	8.22	76	327007	53.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	406754	212.083	ug/l	100
59) 2-Hexanone	8.34	43	1075075	274.127	ug/l	99
60) Dibromochloromethane	8.46	129	226912	55.976	ug/l	98
61) 1,2-Dibromoethane	8.57	107	200996	54.336	ug/l	99
64) Tetrachloroethene	8.21	164	177748	53.061	ug/l	99
65) Chlorobenzene	9.10	112	520331	53.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	200688	53.681	ug/l	99
67) Ethyl Benzene	9.23	91	856402	53.467	ug/l	99
68) m/p-Xylenes	9.35	106	697083	115.574	ug/l	98
69) o-Xylene	9.76	106	325549	55.191	ug/l	100
70) Styrene	9.77	104	607015	58.696	ug/l	98
71) Bromoform	9.94	173	178051	54.953	ug/l #	99
73) Isopropylbenzene	10.14	105	917017	52.665	ug/l	99
74) N-amyl acetate	9.99	43	344790	49.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	342863	48.646	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	273729m	46.868	ug/l	
77) Bromobenzene	10.43	156	249574	51.261	ug/l	97
78) n-propylbenzene	10.57	91	1079771	53.694	ug/l	99
79) 2-Chlorotoluene	10.64	91	643380	52.435	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	813148	55.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	96026m	55.292	ug/l	
82) 4-Chlorotoluene	10.75	91	748600	53.016	ug/l	98
83) tert-Butylbenzene	11.08	119	770235	52.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.12	105	814073	55.534	ug/l	99
85) sec-Butylbenzene	11.30	105	934196	54.318	ug/l	100
86) p-Isopropyltoluene	11.45	119	876178	55.195	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	467736	52.647	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	472889	51.031	ug/l	99
89) n-Butylbenzene	11.87	91	770944	55.886	ug/l	99
90) Hexachloroethane	12.12	117	131970	51.963	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	456380	52.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	66523	51.363	ug/l	97

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VSTDCCC050

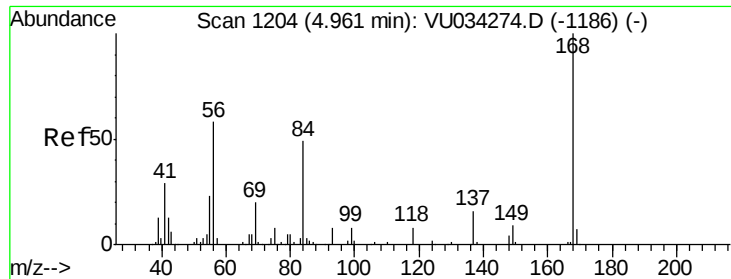
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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	311671	49.272	ug/l	99
94) Hexachlorobutadiene	13.67	225	159549	52.239	ug/l	99
95) Naphthalene	13.72	128	792295	44.872	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	306627	50.125	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 283355

Ion Ratio Lower Upper

168 100

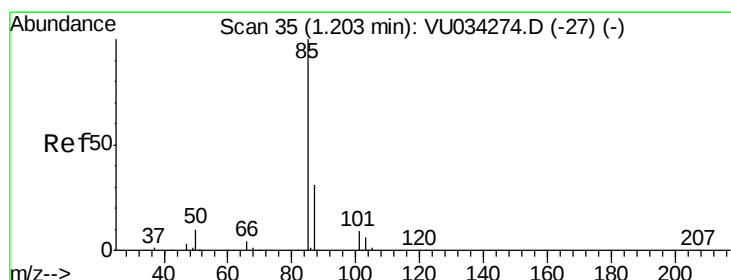
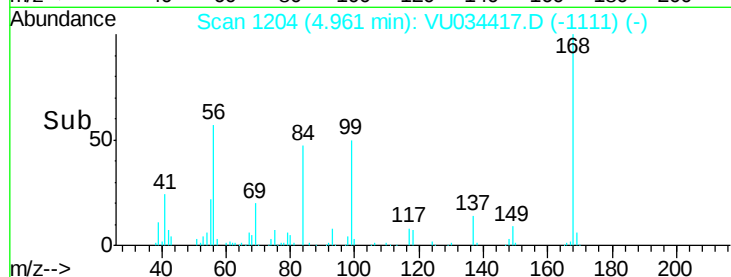
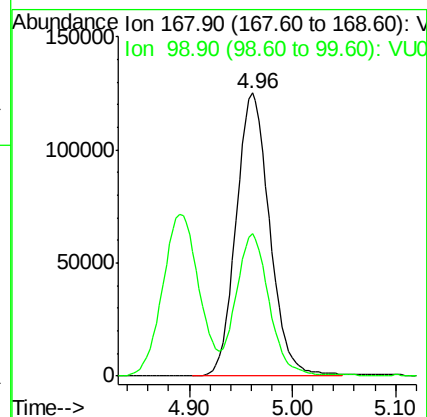
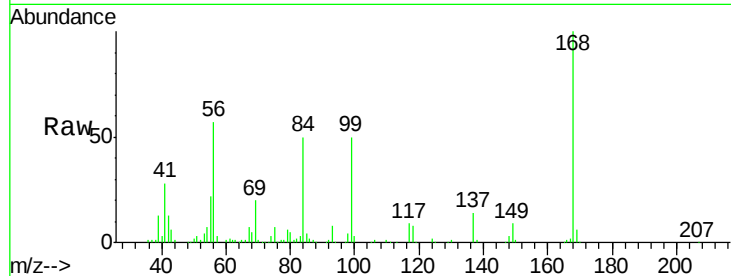
99 49.8 41.6 62.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.557 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034417.D

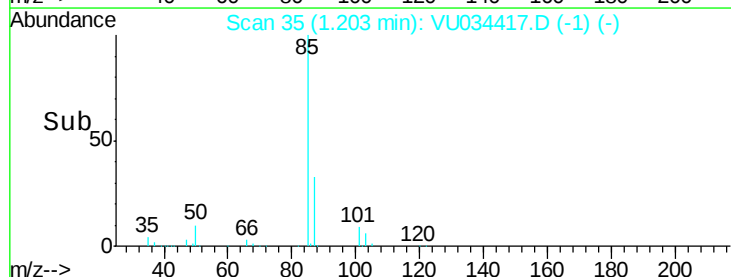
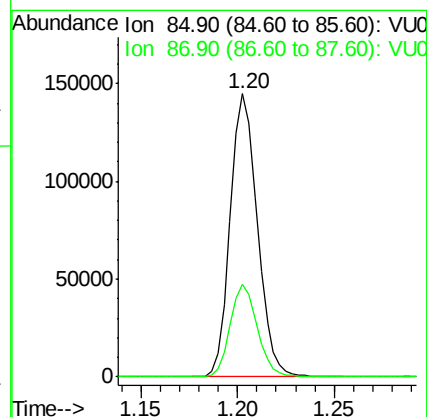
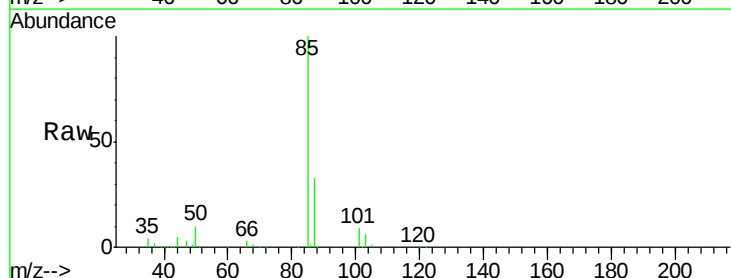
Acq: 09 Sep 2019 08:53

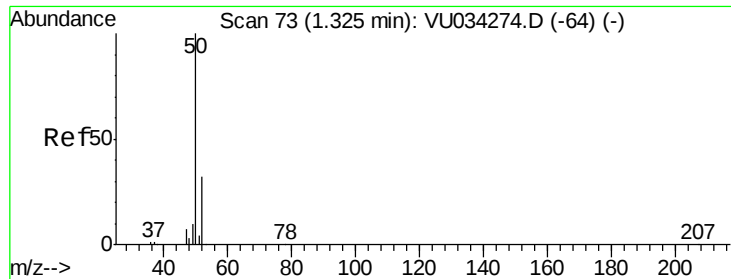
Tgt Ion: 85 Resp: 140935

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0





#3

Chloromethane

Concen: 48.046 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153837

Ion Ratio Lower Upper

50 100

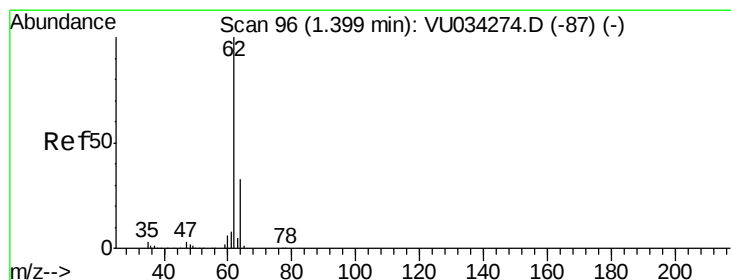
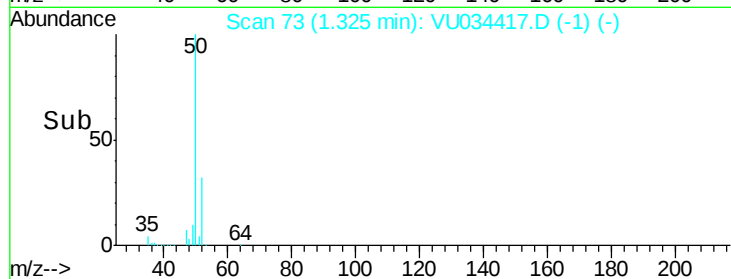
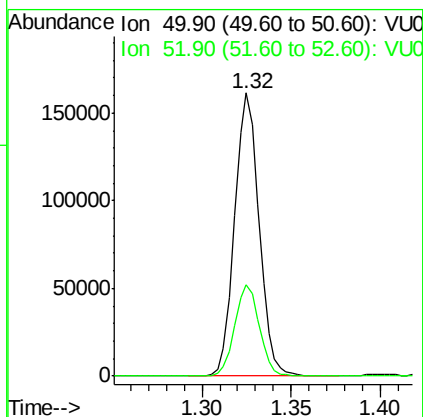
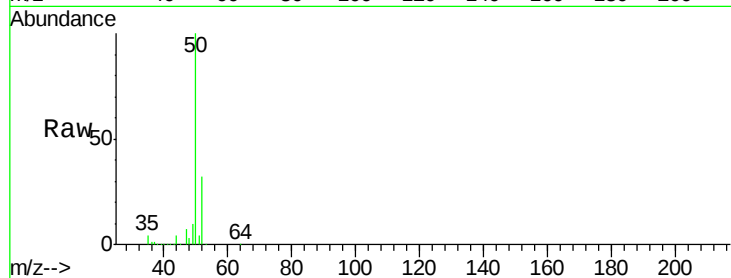
52 32.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.170 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034417.D

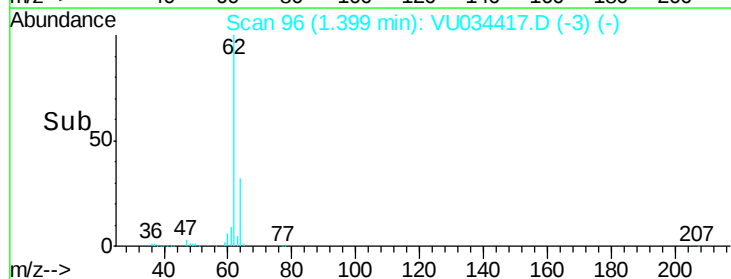
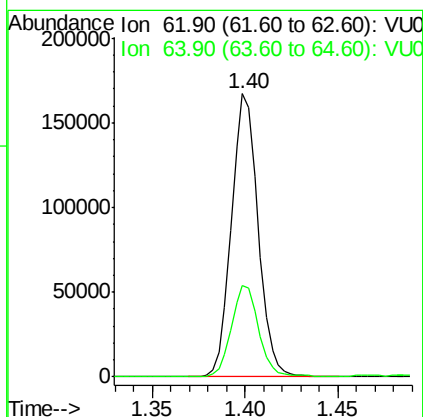
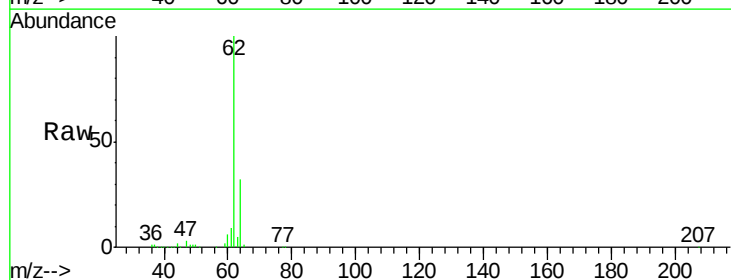
Acq: 09 Sep 2019 08:53

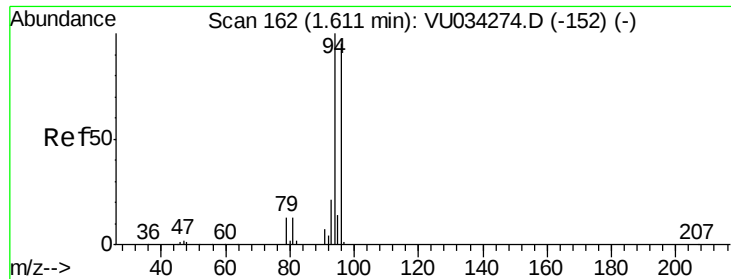
Tgt Ion: 62 Resp: 166807

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 56.038 ug/l

RT: 1.61 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 104064

Ion Ratio Lower Upper

94 100

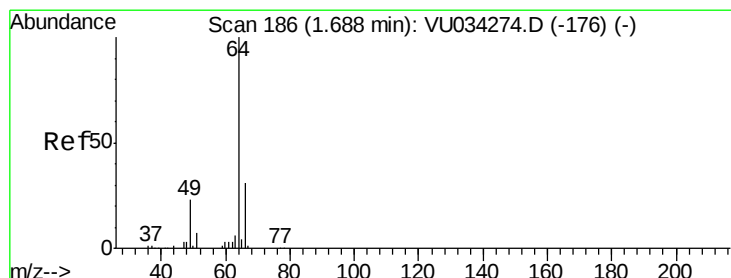
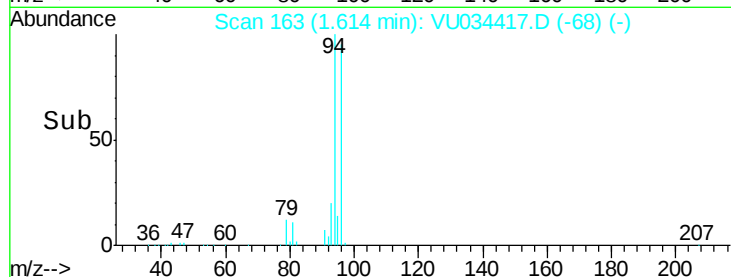
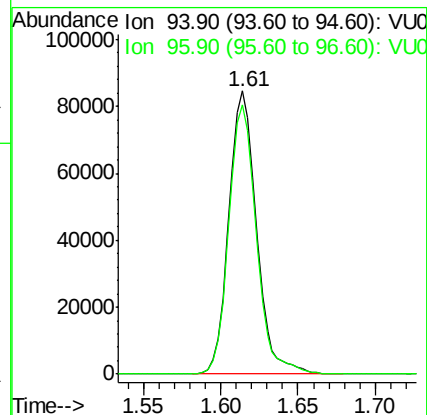
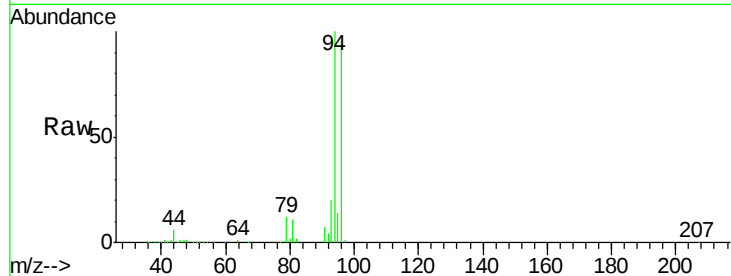
96 95.3 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 50.613 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034417.D

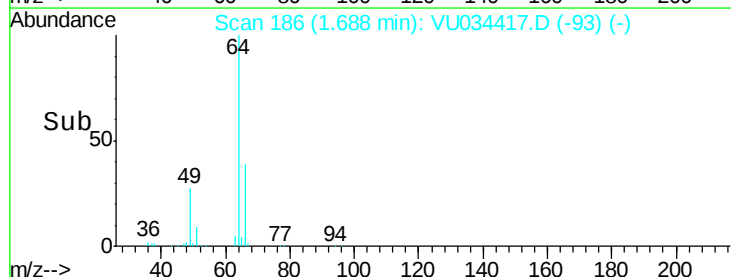
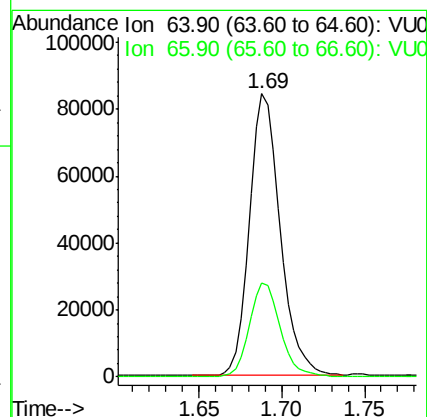
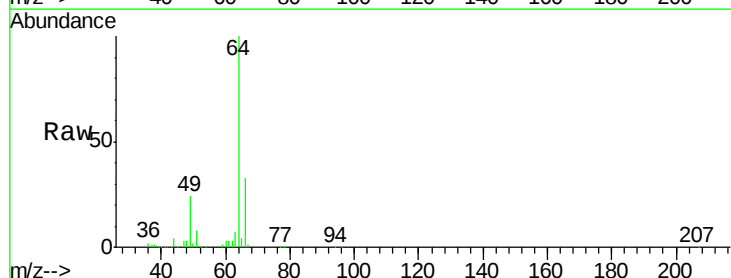
Acq: 09 Sep 2019 08:53

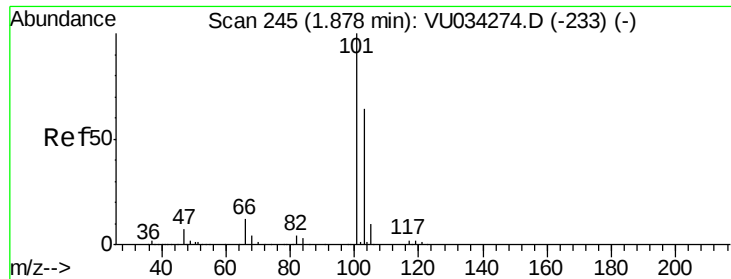
Tgt Ion: 64 Resp: 108608

Ion Ratio Lower Upper

64 100

66 33.2 25.0 37.6





#7

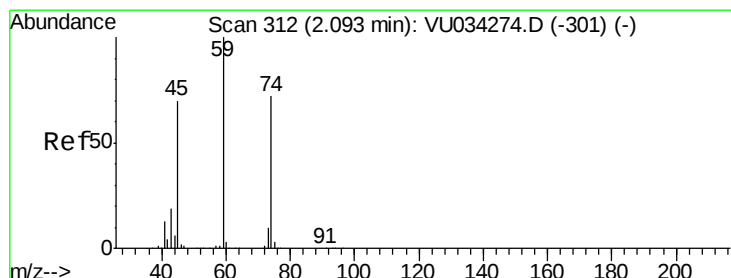
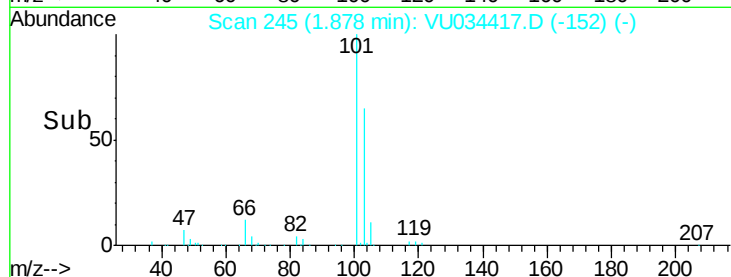
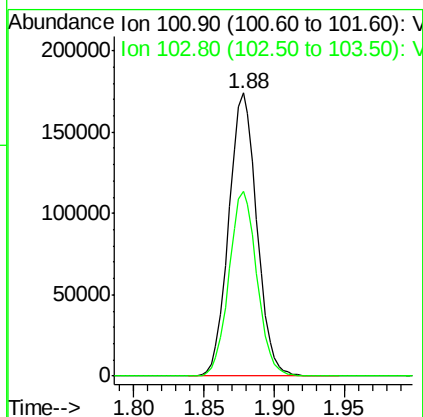
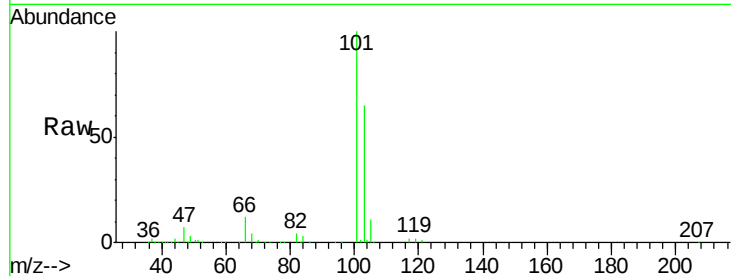
Trichlorofluoromethane
 Concen: 48.959 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.6

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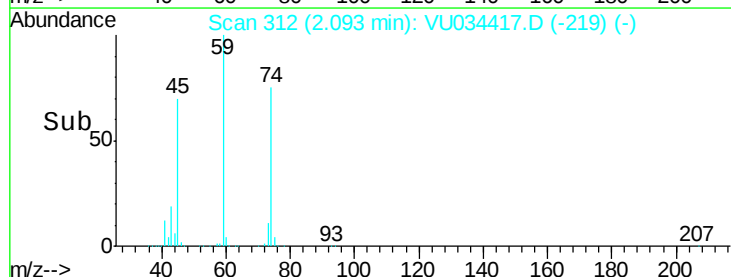
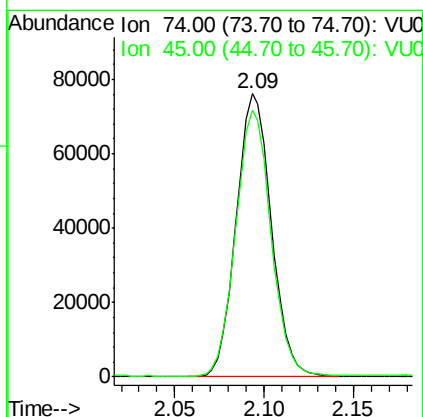
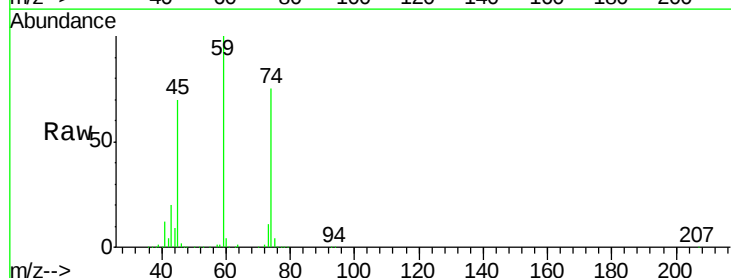
MMDadoda
 9/10/2019 4:17:19 PM

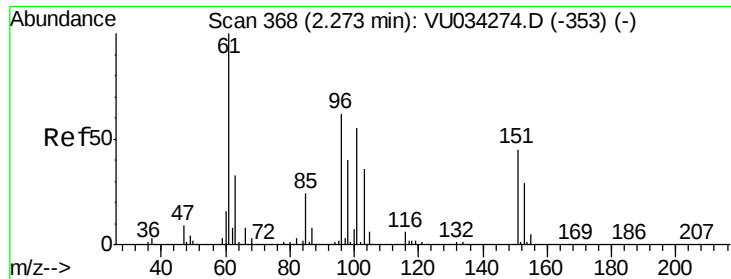


#8

Diethyl Ether
 Concen: 48.203 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.295 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

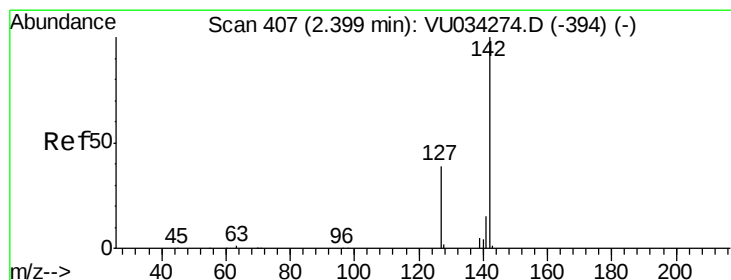
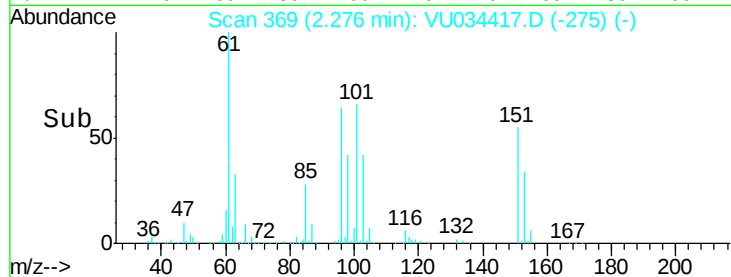
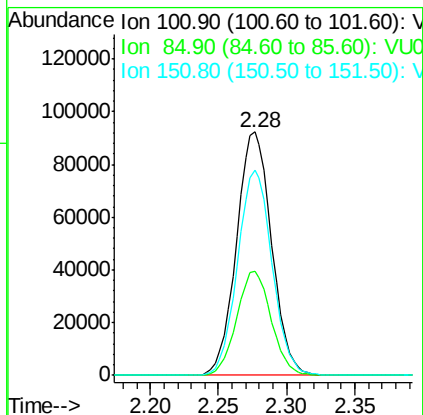
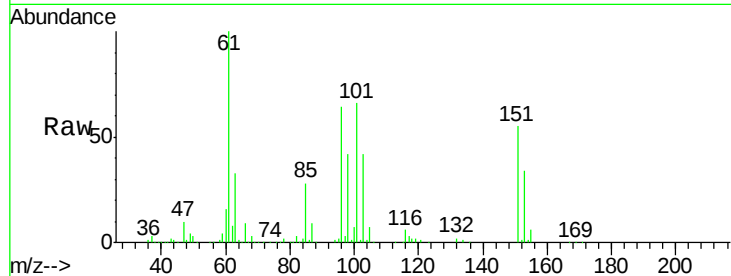
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	164942
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.4	51.6
151	82.8	64.4	96.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.630 ug/l

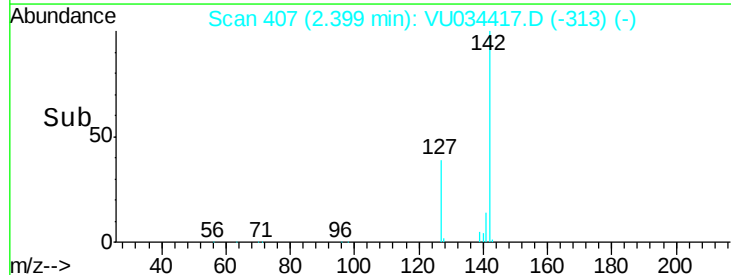
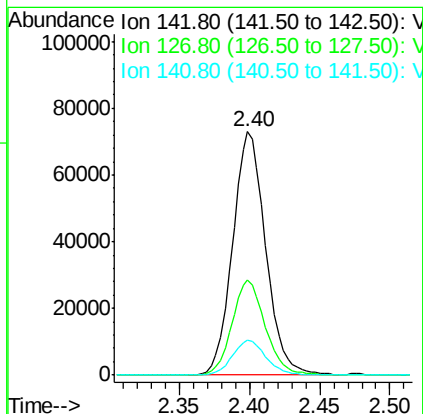
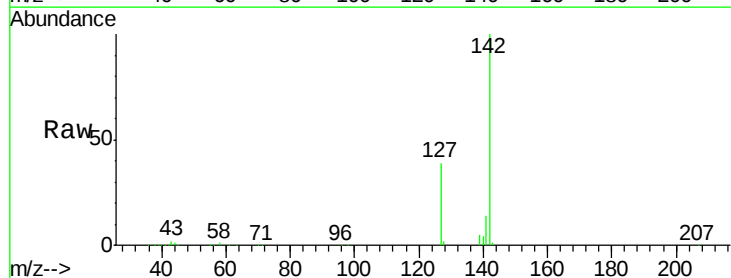
RT: 2.40 min Scan# 407

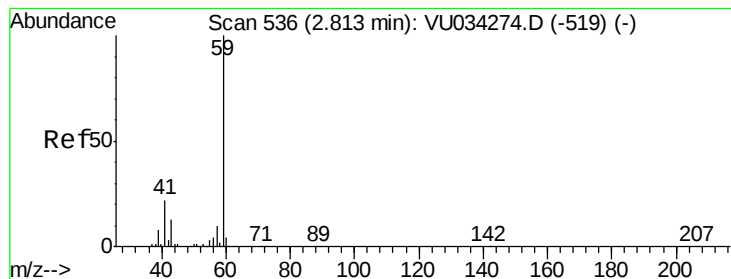
Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	142	Resp:	119565
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.1	48.1
141	14.6	11.5	17.3





#11

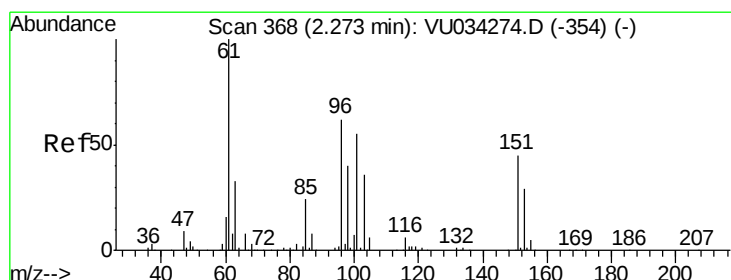
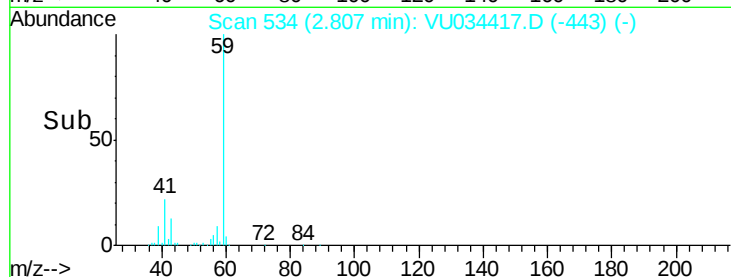
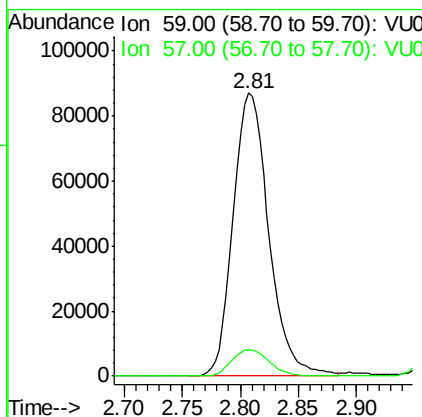
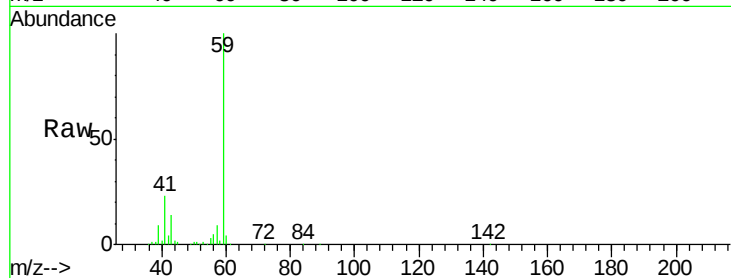
Tert butyl alcohol
 Concen: 205.049 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.9	11.9

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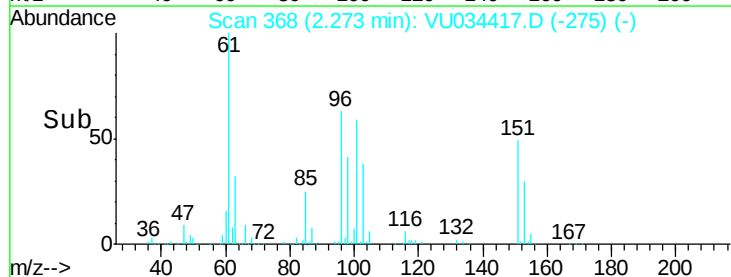
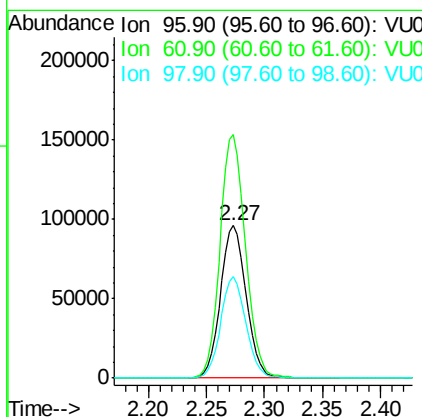
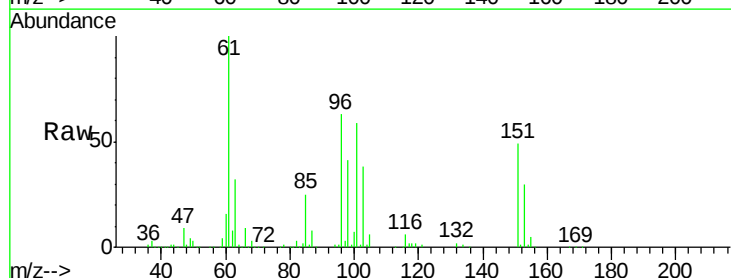
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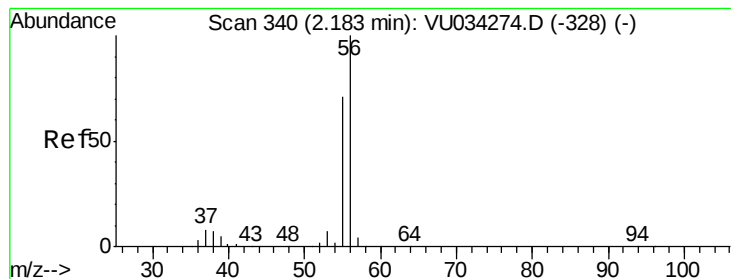


#12

1,1-Dichloroethene
 Concen: 47.445 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	130.0	195.0
98	66.2	52.2	78.4





#13

Acrolein

Concen: 233.945 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 178094

Ion Ratio Lower Upper

56 100

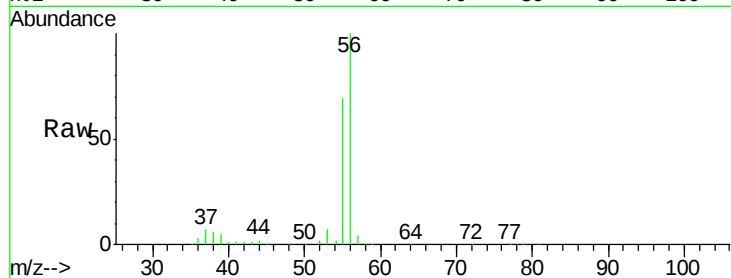
55 70.7 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VU034417.D (-247) (-)

Ion 55.00 (54.70 to 55.70): VU034417.D (-247) (-)

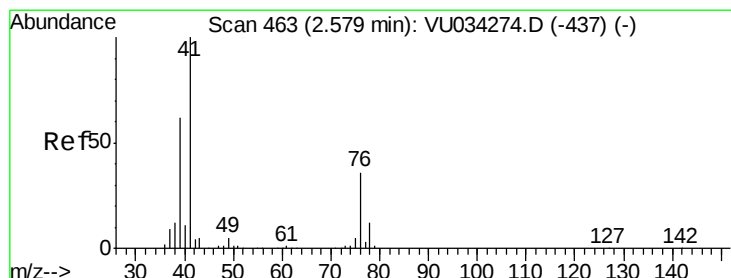
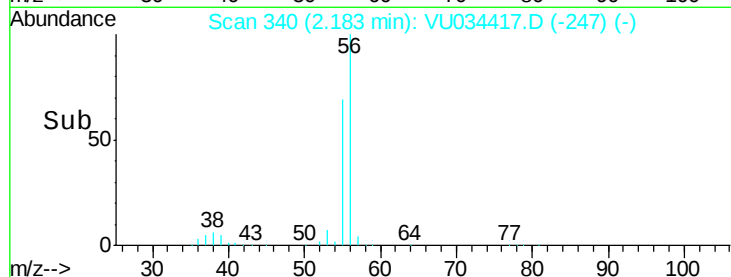
2.18

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 44.296 ug/l m

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

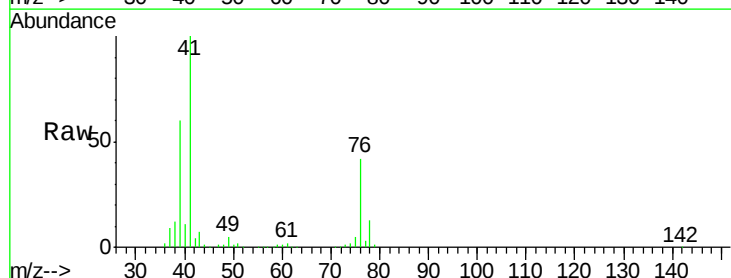
Tgt Ion: 41 Resp: 261079

Ion Ratio Lower Upper

41 100

39 54.9 43.5 65.3

76 35.2 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VU034417.D (-370) (-)

Ion 39.00 (38.70 to 39.70): VU034417.D (-370) (-)

Ion 75.90 (75.60 to 76.60): VU034417.D (-370) (-)

250000

200000

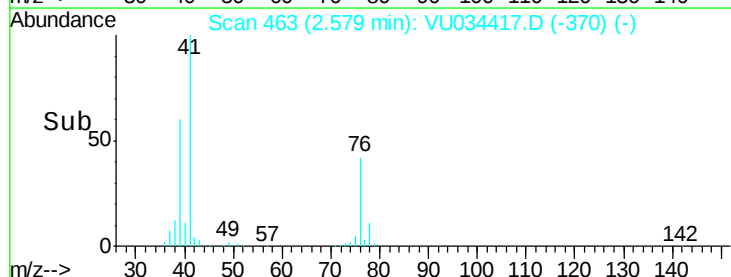
150000

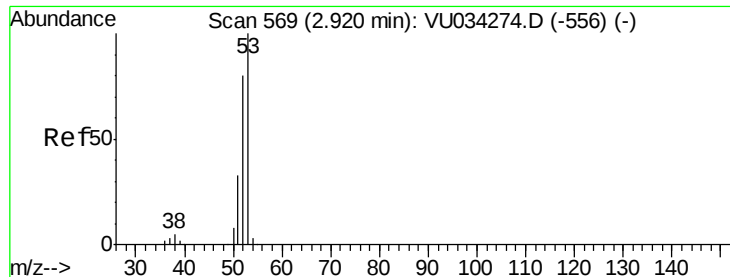
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 241.126 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

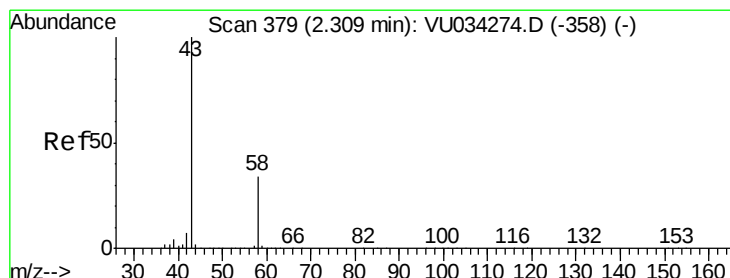
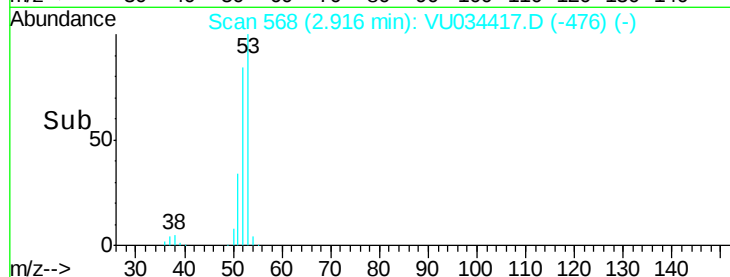
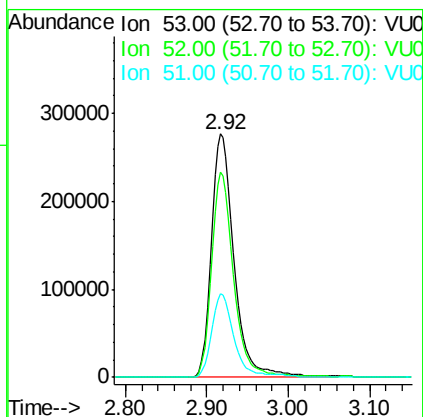
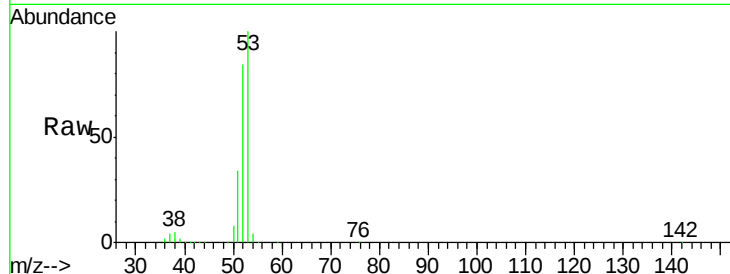
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	543859
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.1	96.1
51	34.2	27.4	41.0

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#16

Acetone

Concen: 300.231 ug/l

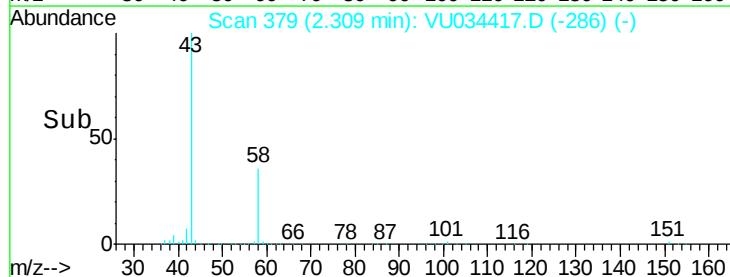
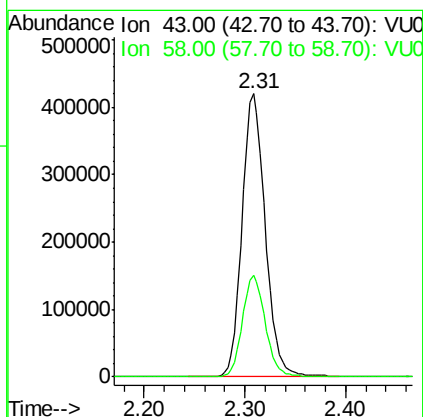
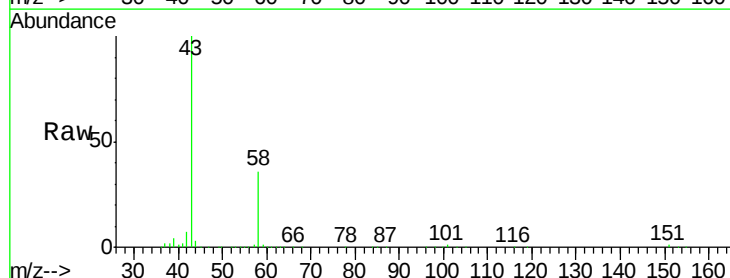
RT: 2.31 min Scan# 379

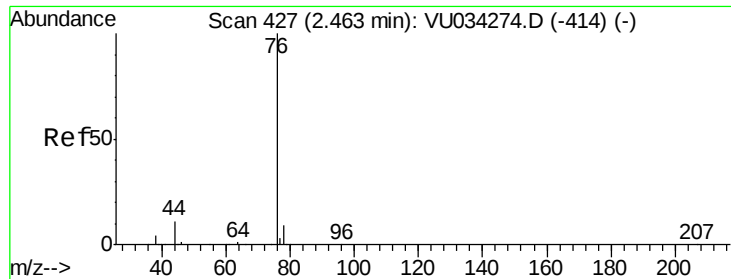
Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	43	Resp:	666101
Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.6	41.4





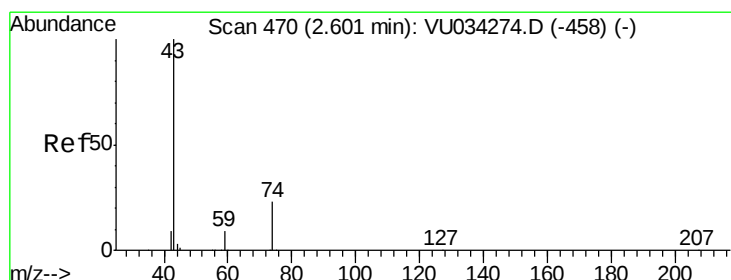
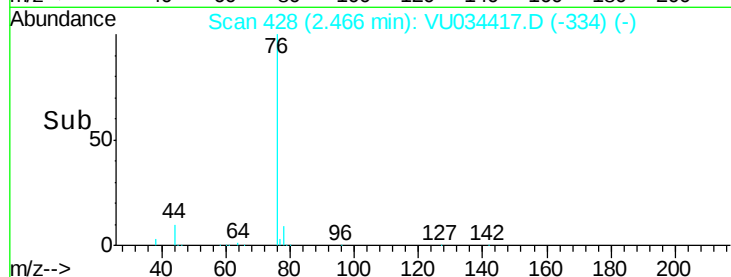
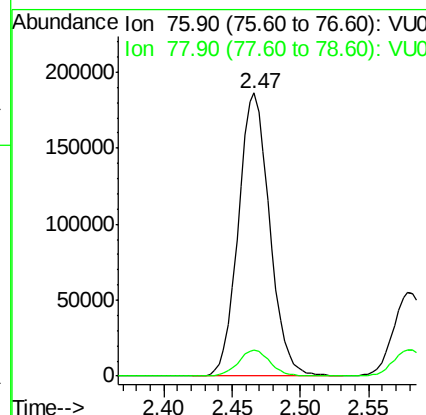
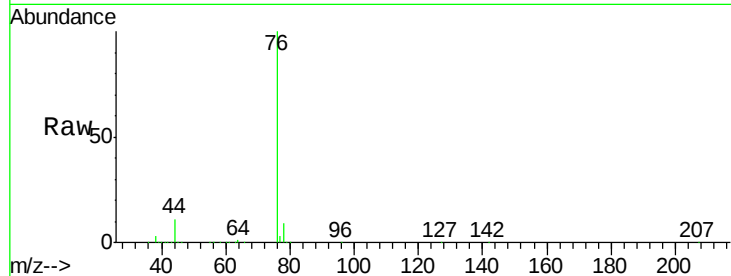
#17
Carbon Disulfide
Concen: 42.942 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

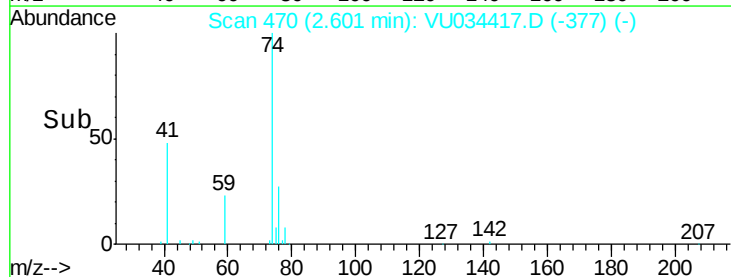
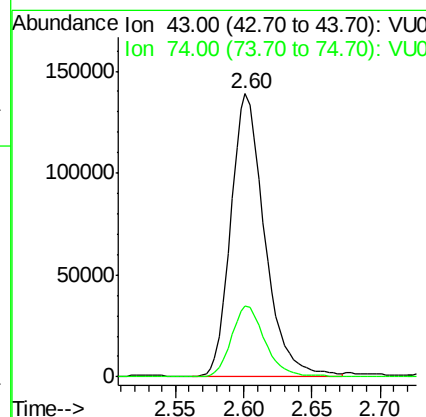
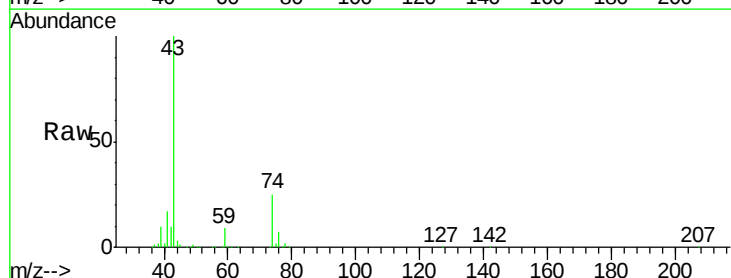
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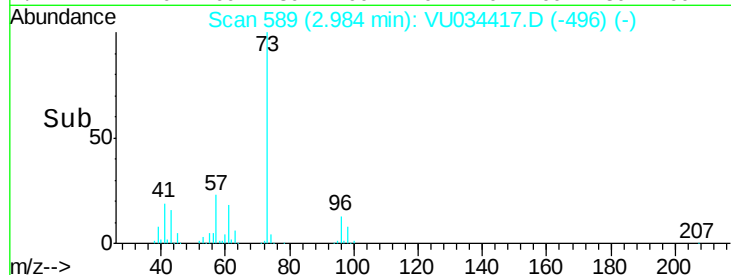
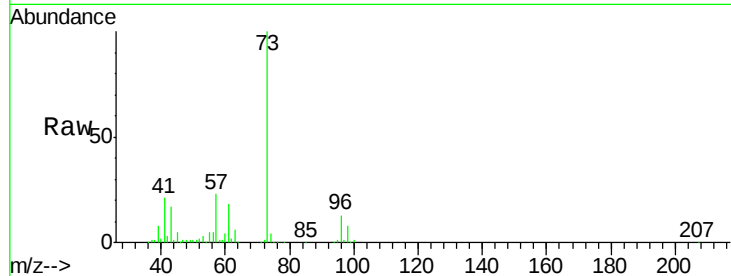
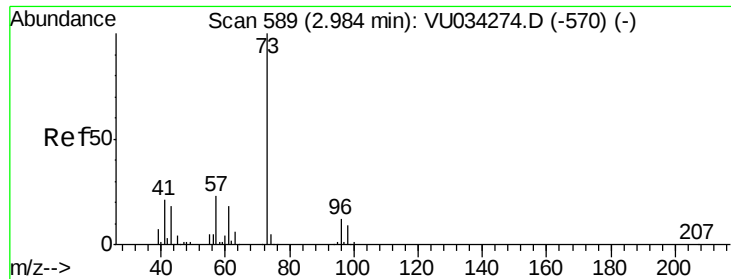
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#18
Methyl Acetate
Concen: 43.991 ug/l
RT: 2.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	18.9	28.3





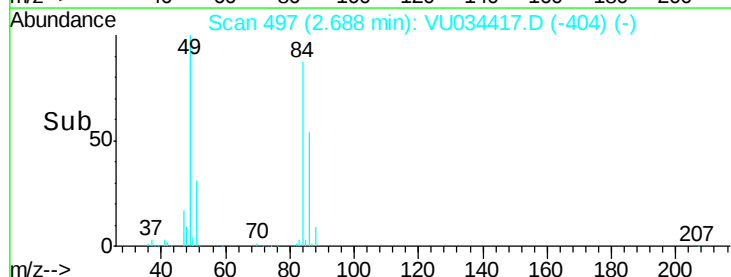
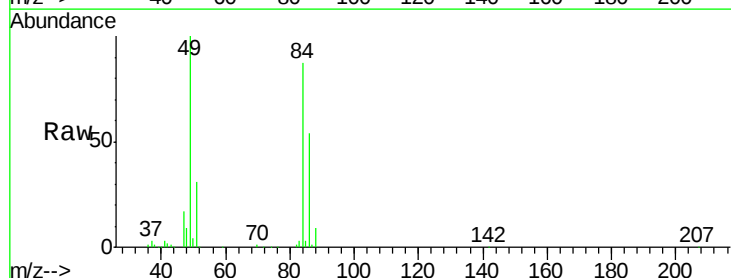
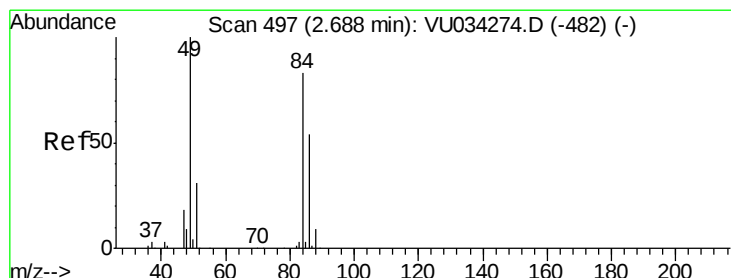
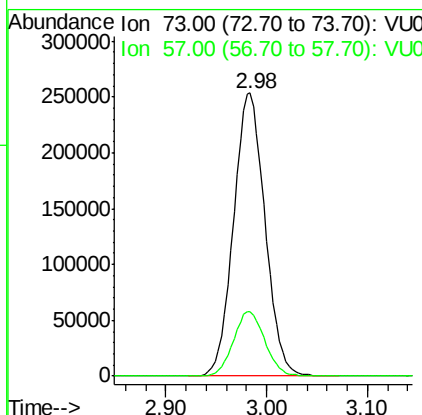
#19
Methvl tert-butvl Ether
Concen: 48.775 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tot Ion: 73 Resp: 548084
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

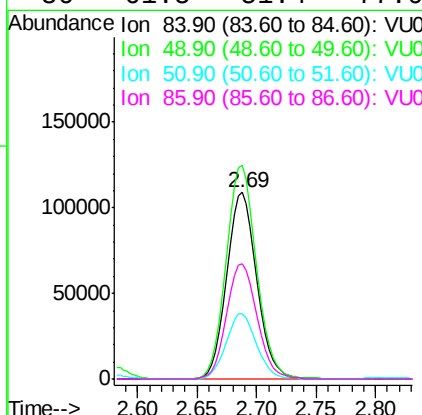
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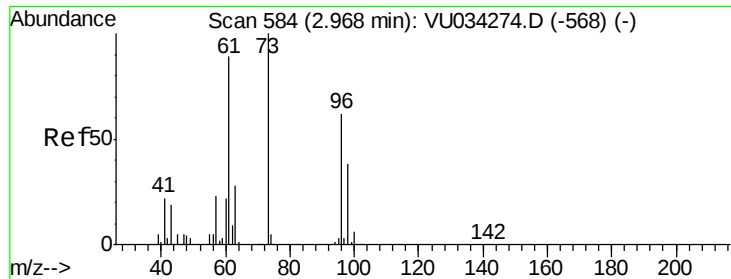
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#20
Methylene Chloride
Concen: 52.581 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 84 Resp: 191003
Ion Ratio Lower Upper
84 100
49 114.4 96.0 144.0
51 35.3 30.0 45.0
86 61.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.840 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

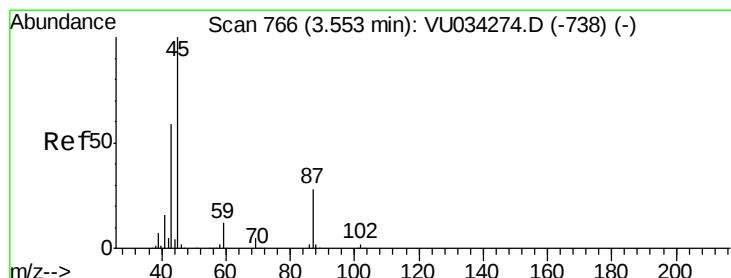
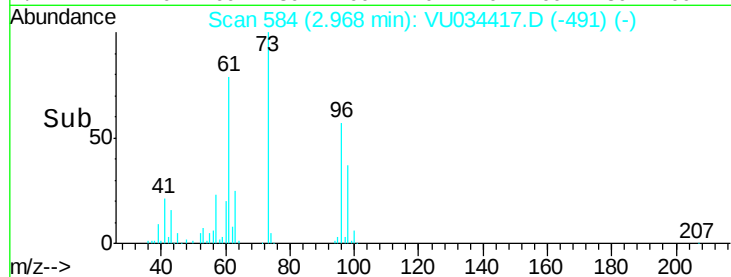
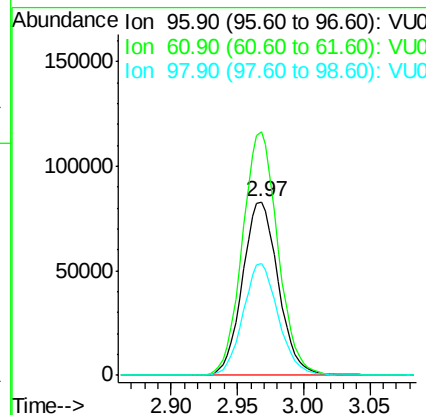
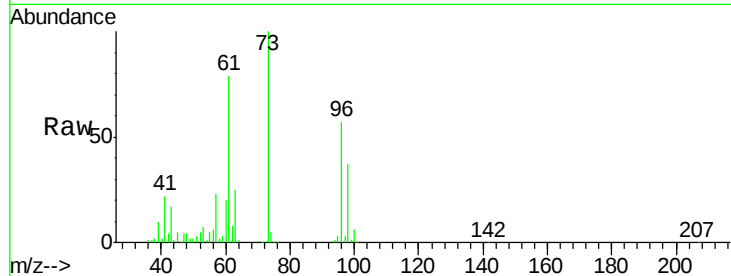
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	155422
Ion	Ratio	Lower	Upper
96	100		
61	140.2	114.8	172.2
98	64.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 49.467 ug/l

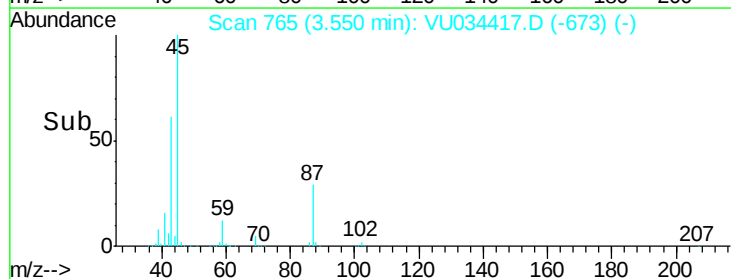
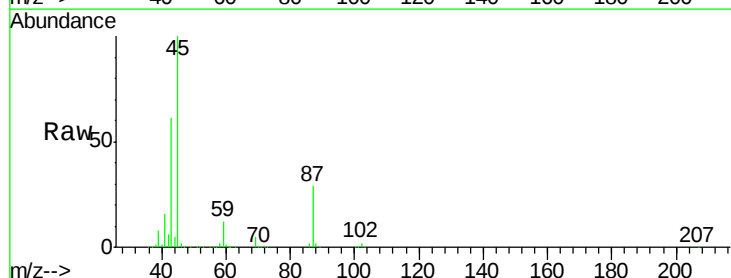
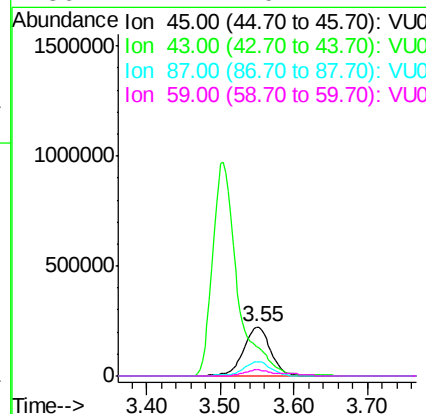
RT: 3.55 min Scan# 765

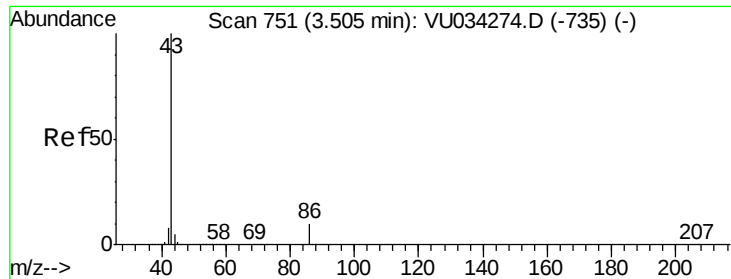
Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	45	Resp:	568574
Ion	Ratio	Lower	Upper
45	100		
43	61.0	47.5	71.3
87	28.8	22.2	33.4
59	12.2	9.4	14.2





#23

Vinyl Acetate

Concen: 246.208 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2305148

Ion Ratio Lower Upper

43 100

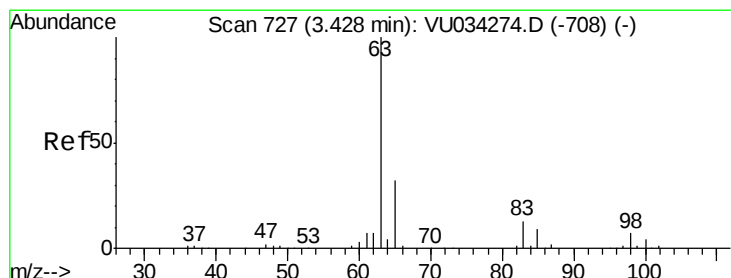
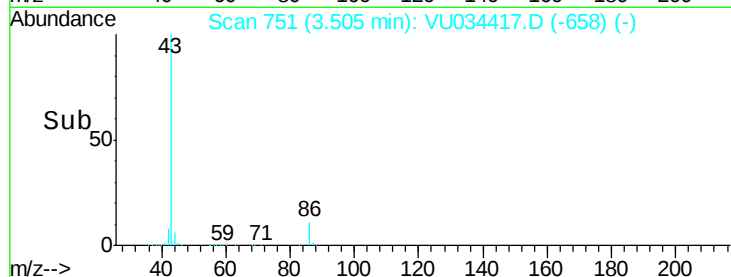
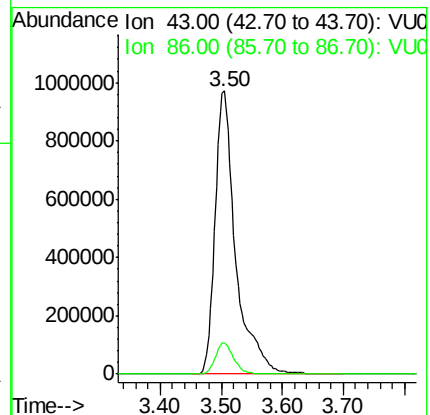
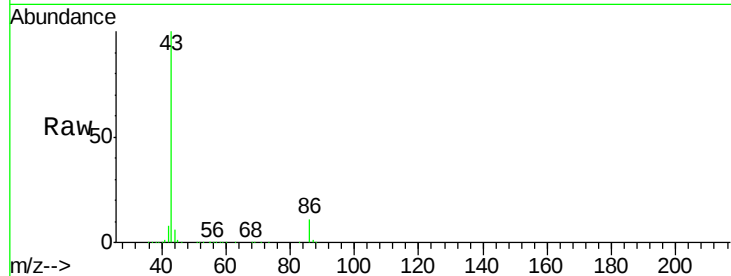
86 11.0 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 47.743 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

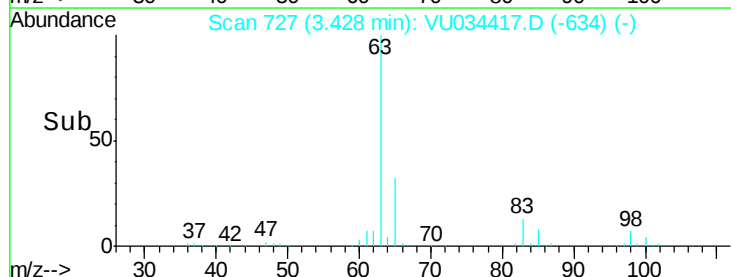
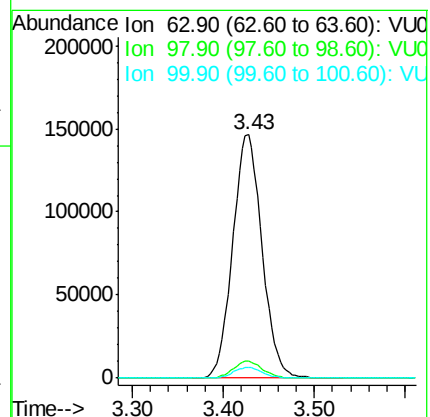
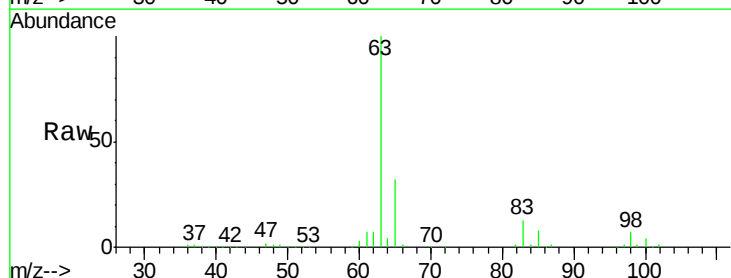
Tgt Ion: 63 Resp: 327717

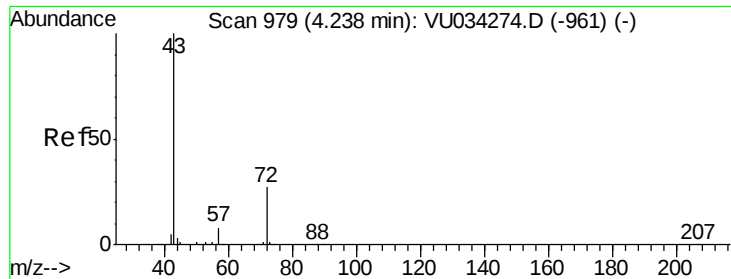
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.2 2.1 6.5





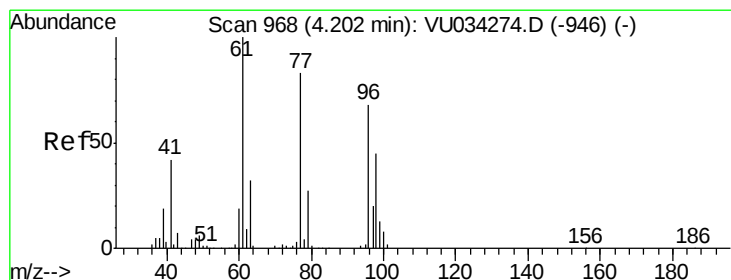
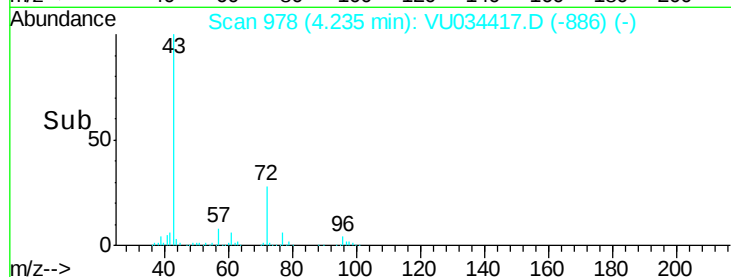
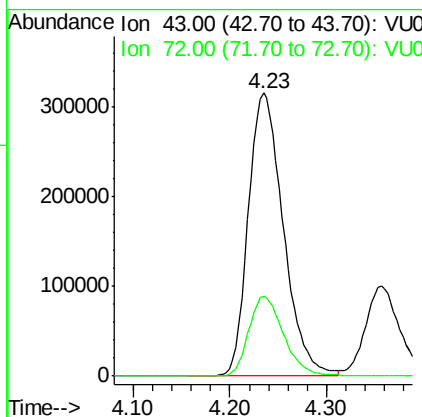
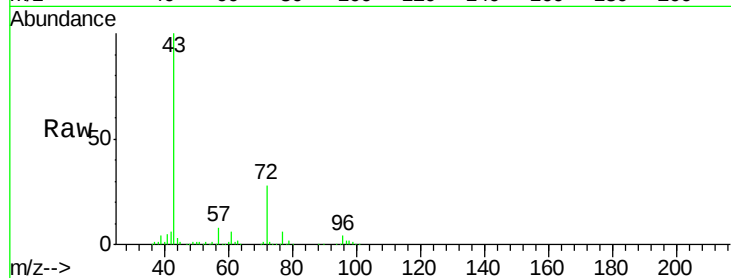
#25
2-Butanone
Concen: 265.841 ug/l
RT: 4.23 min Scan# 978
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	787308
Ion Ratio	100	Lower	Upper
72	28.3	21.8	32.6

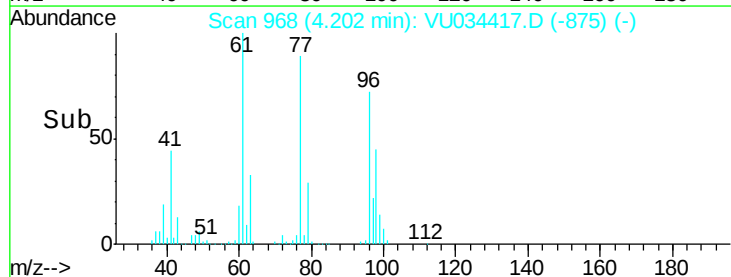
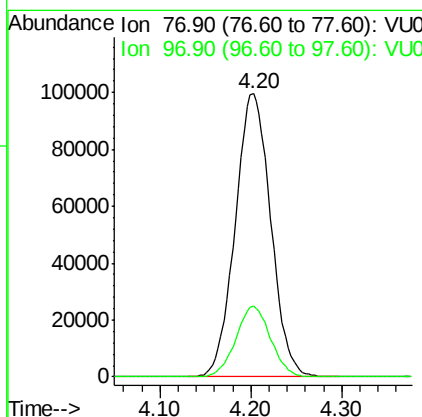
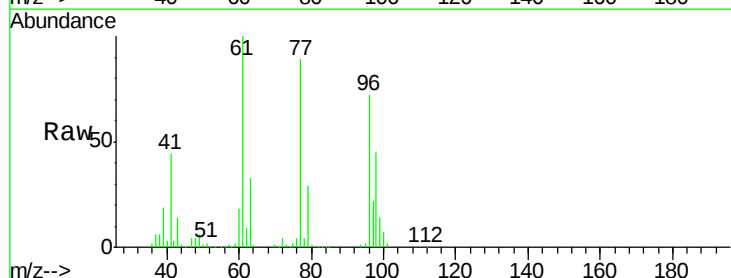
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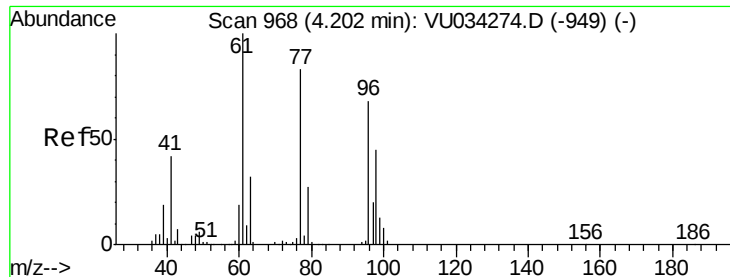
MMDadoda
9/10/2019 4:17:19 PM



#26
2,2-Dichloropropane
Concen: 48.892 ug/l
RT: 4.20 min Scan# 968
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	77	Resp	269918
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
97	24.4	11.8	35.3





#27

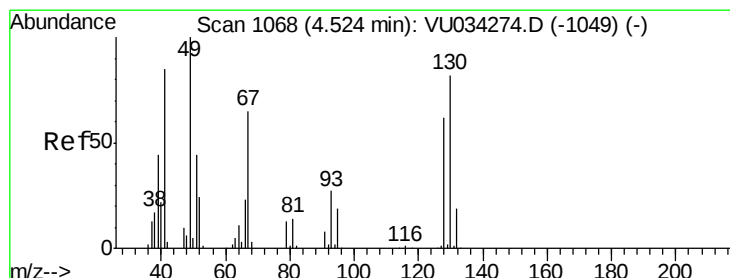
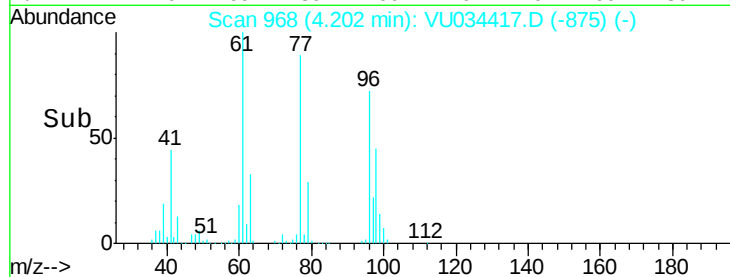
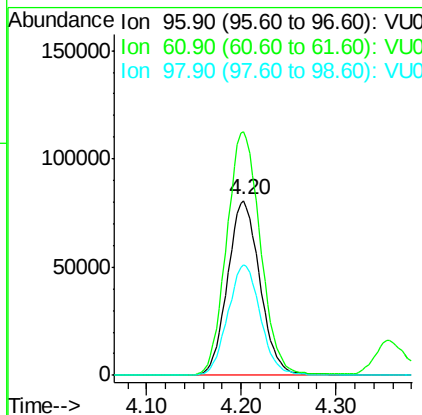
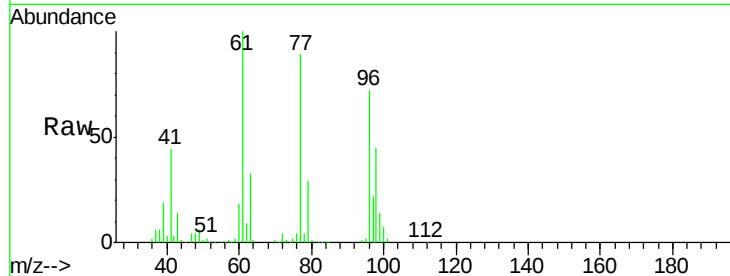
cis-1,2-Dichloroethene
 Concen: 48.819 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.0	0.0	297.4	
98	63.7	0.0	130.0	

Manual Integrations
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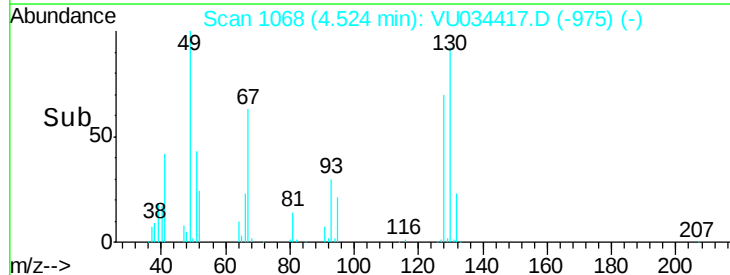
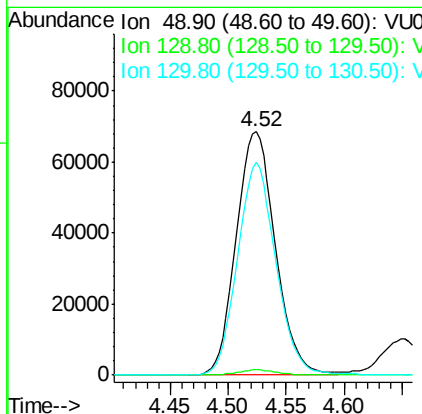
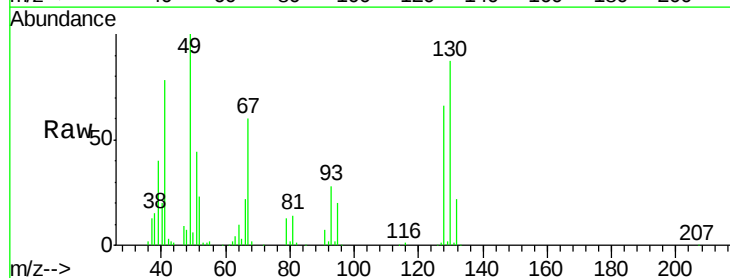
MMDadoda
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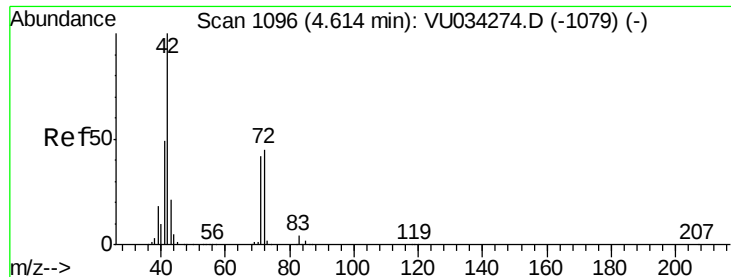


#28

Bromochloromethane
 Concen: 51.090 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	85.4	65.2	97.8	





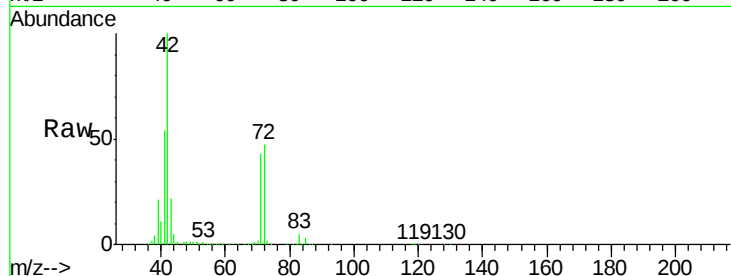
#29
Tetrahydrofuran
Concen: 237.421 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

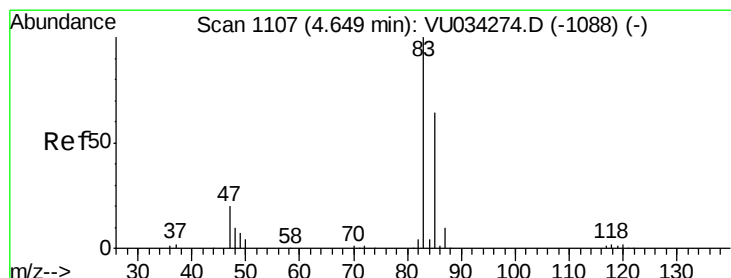
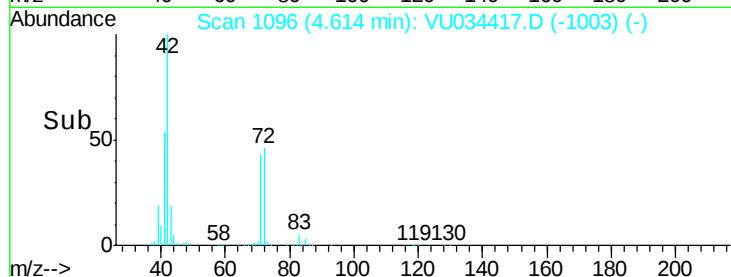
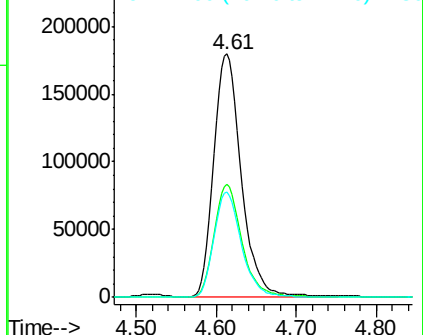
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.6	54.8
71	43.2	34.3	51.5

Manual Integrations
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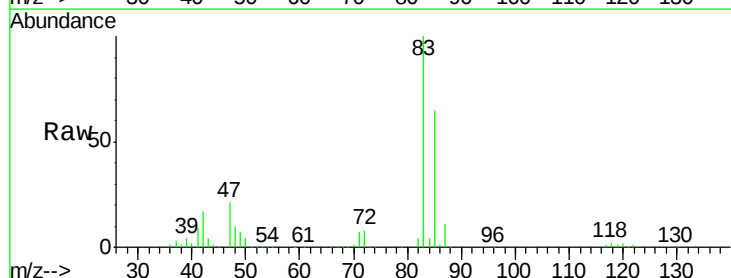


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

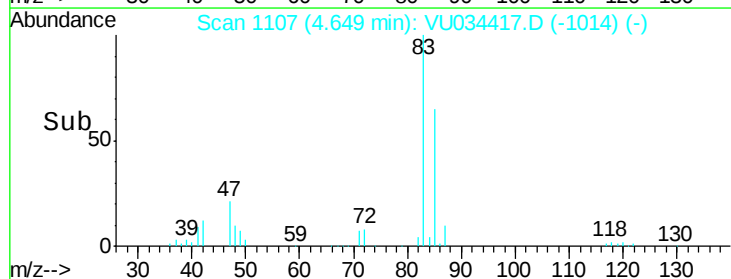
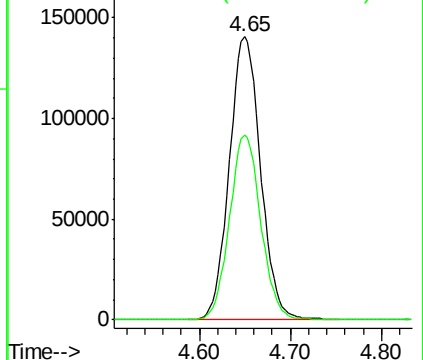


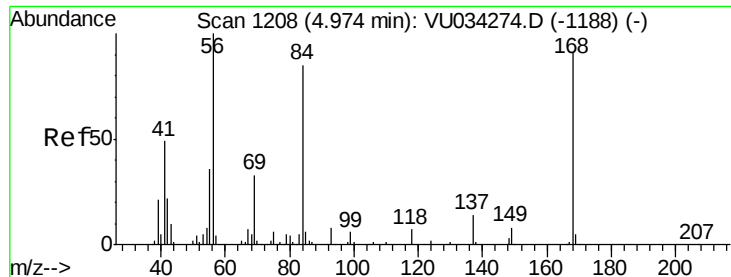
#30
Chloroform
Concen: 48.105 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 45.840 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

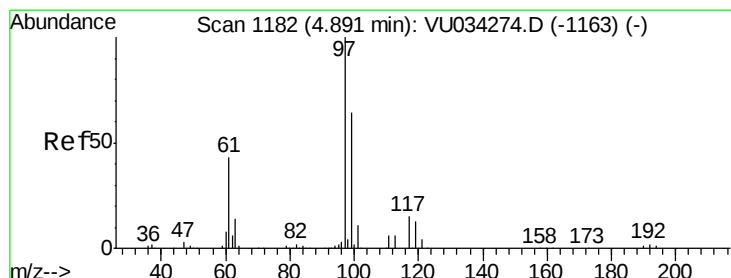
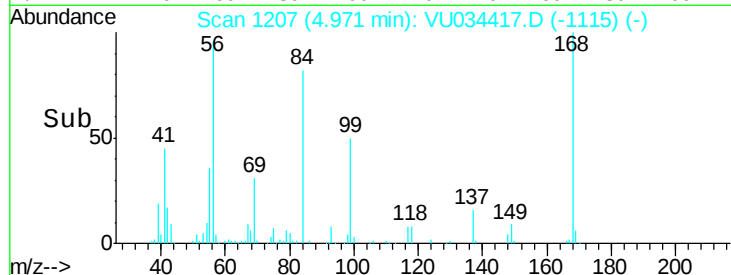
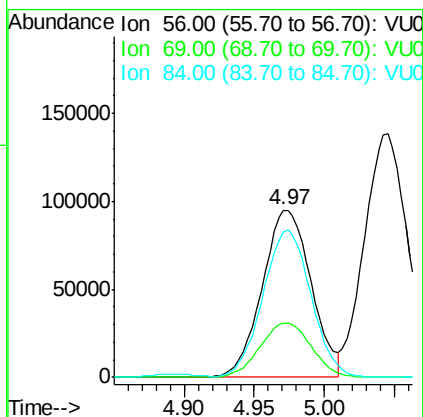
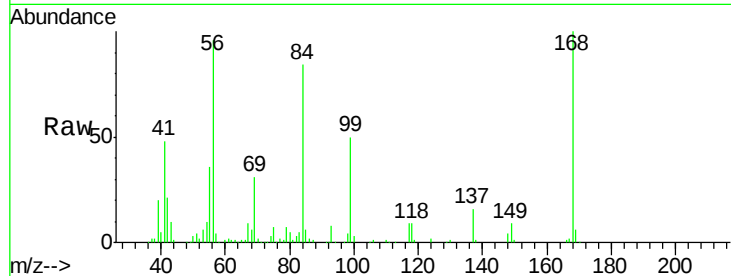
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	230194
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.7	40.1
84	85.6	68.2	102.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.264 ug/l

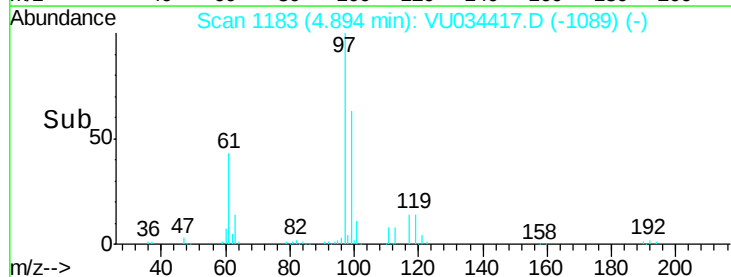
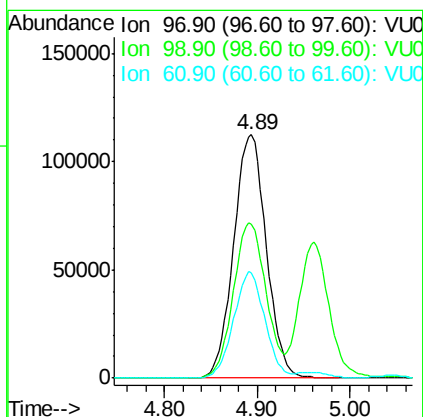
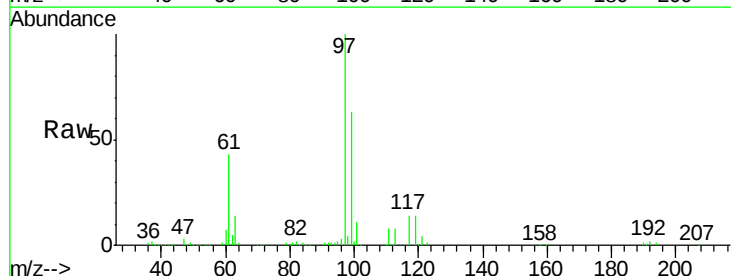
RT: 4.89 min Scan# 1183

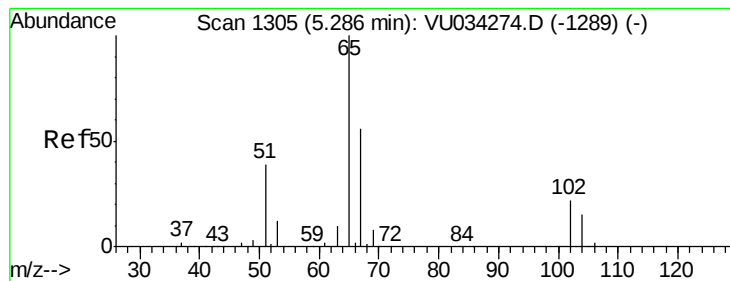
Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	97	Resp:	274817
Ion Ratio	Lower	Upper	
97	100		
99	64.1	50.9	76.3
61	41.9	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 48.107 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 206245

Ion Ratio Lower Upper

65 100

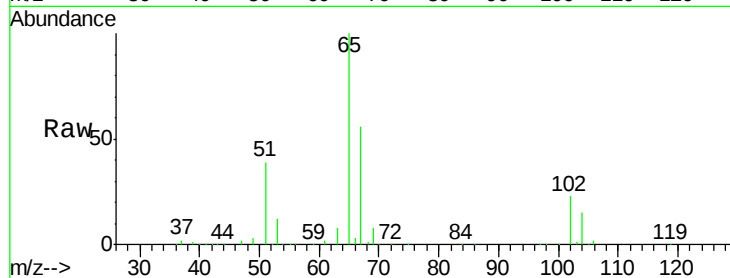
67 57.0 0.0 112.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VU034417.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034417.D (-1212) (-)

5.29

100000

80000

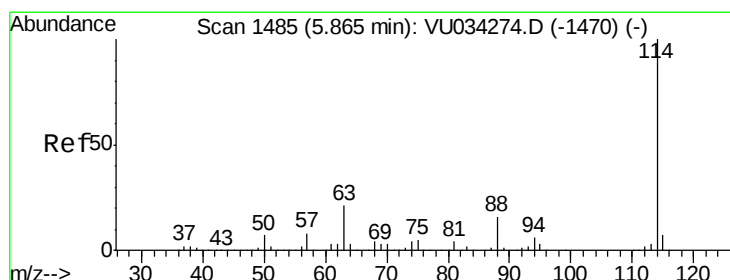
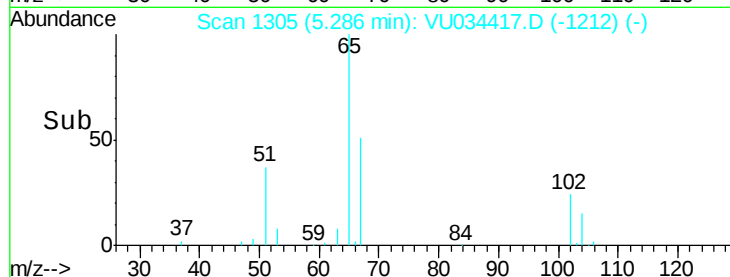
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

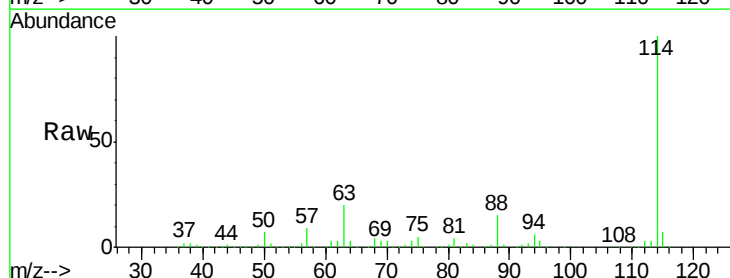
Tgt Ion: 114 Resp: 379152

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.2 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU034417.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034417.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034417.D (-1392) (-)

5.86

250000

200000

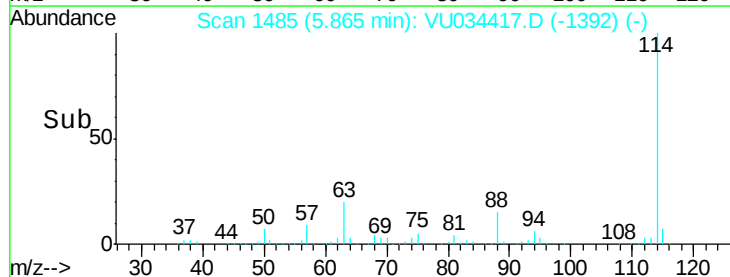
150000

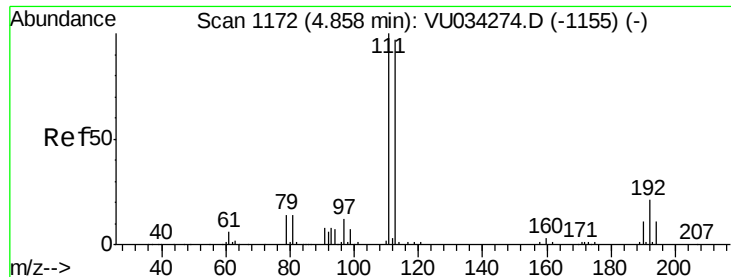
100000

50000

0

Time-->





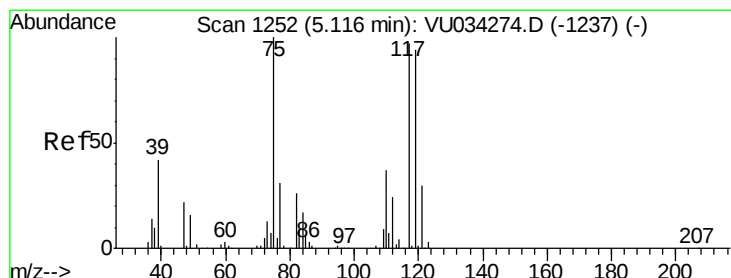
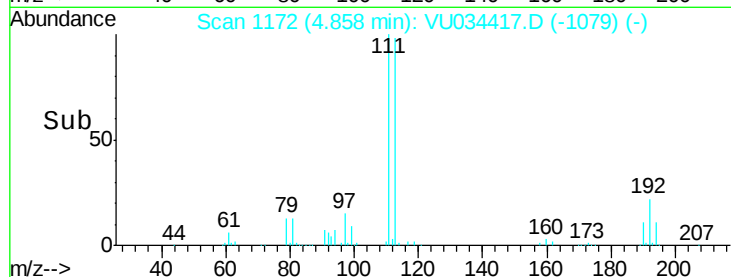
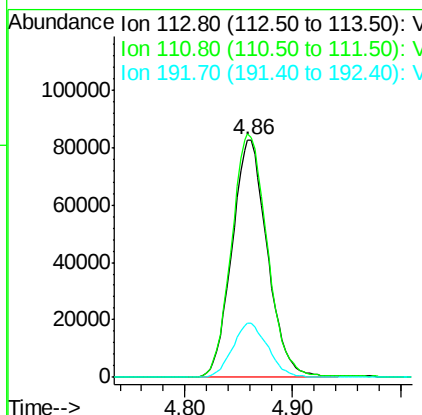
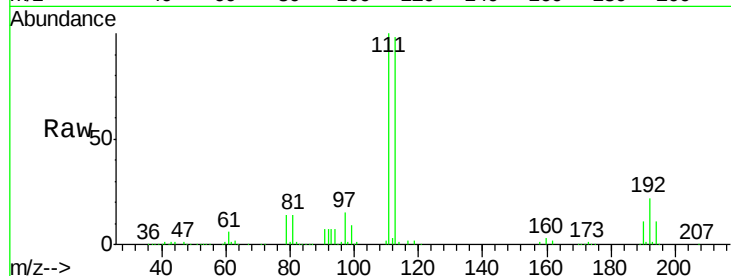
#35
 Dibromofluoromethane
 Concen: 53.532 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188863		
111	103.4	81.5	122.3	
192	22.9	17.8	26.8	

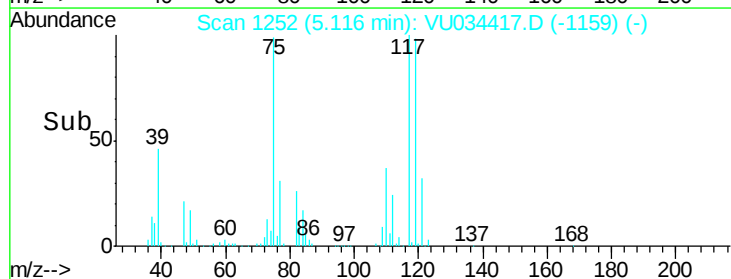
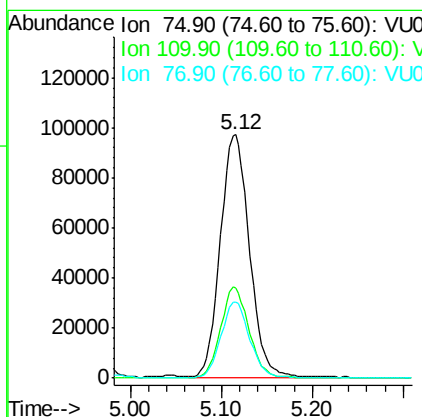
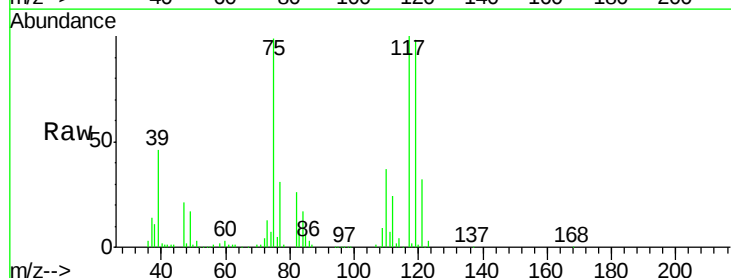
Manual Integrations
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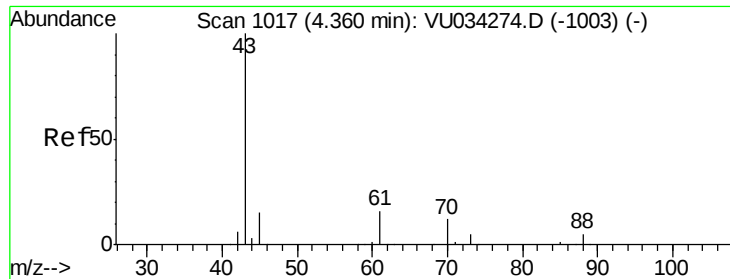
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 52.193 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214615		
110	36.7	18.3	54.9	
77	30.7	24.9	37.3	





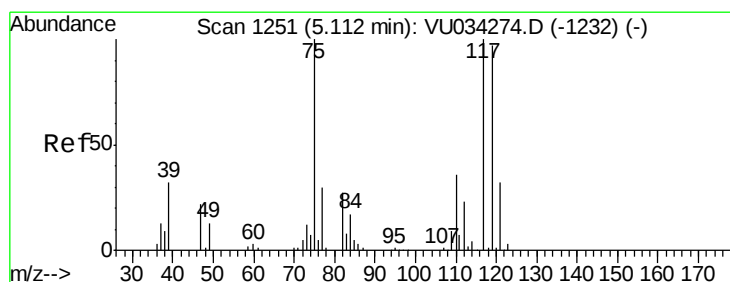
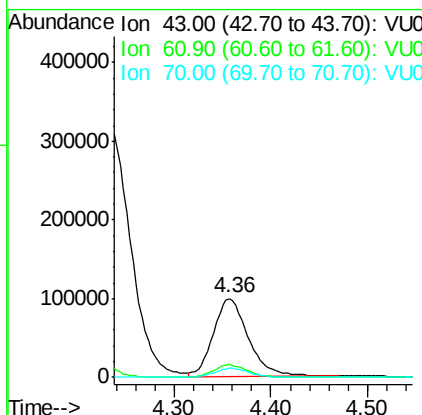
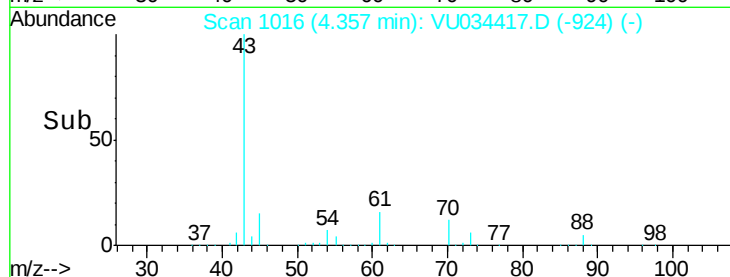
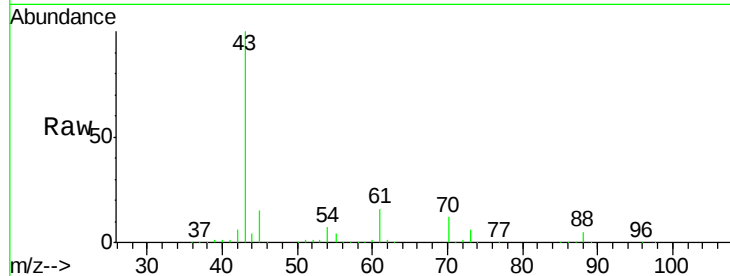
#37
Ethyl Acetate
Concen: 50.895 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.3	18.5
70	11.4	9.1	13.7

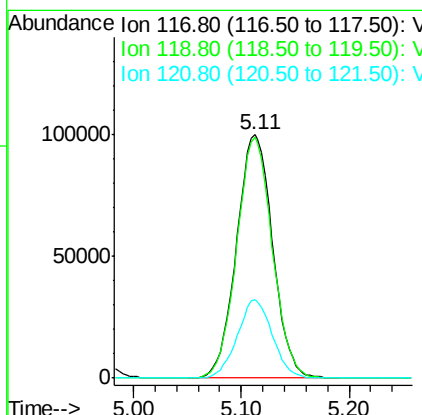
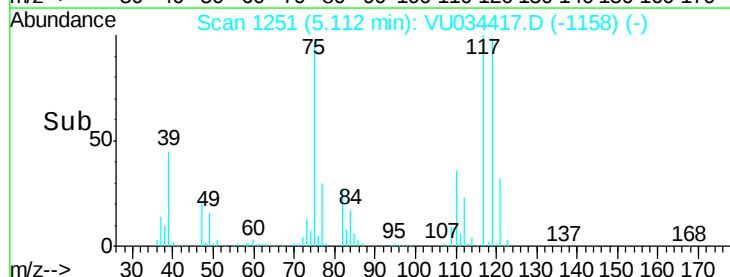
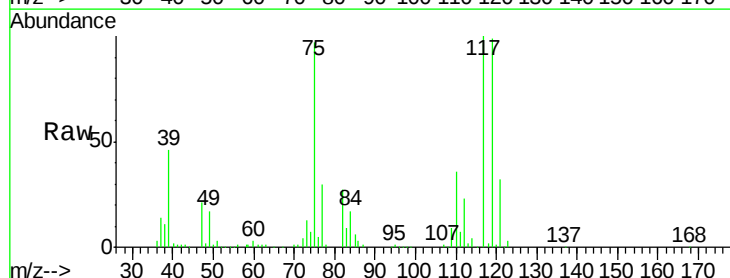
Manual Integrations
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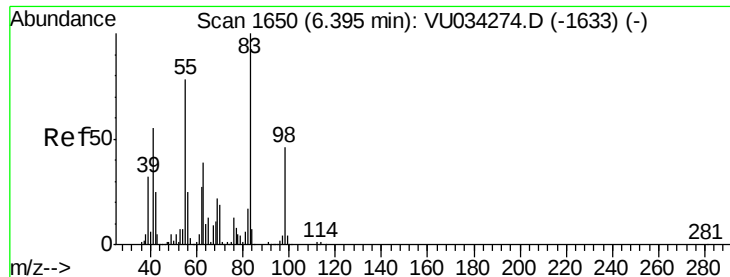
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.850 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.8	116.6
121	32.4	25.2	37.8





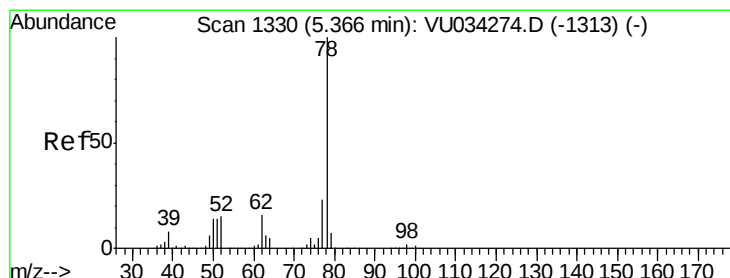
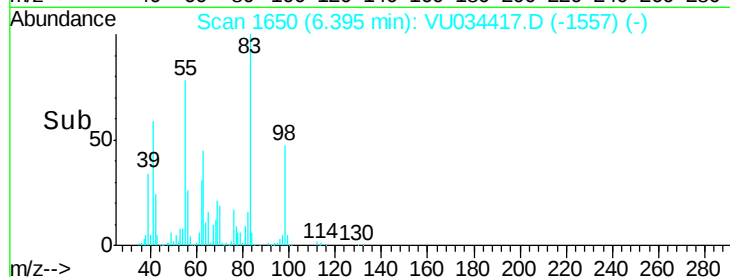
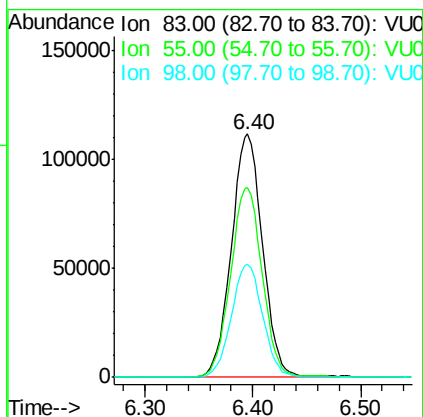
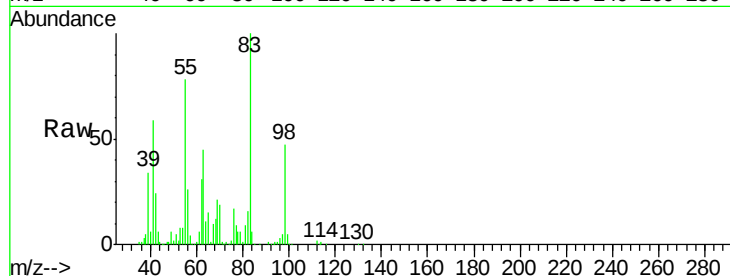
#39
Methylvlcvclohexane
Concen: 51.240 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.0	62.1	93.1	
98	46.6	37.0	55.6	

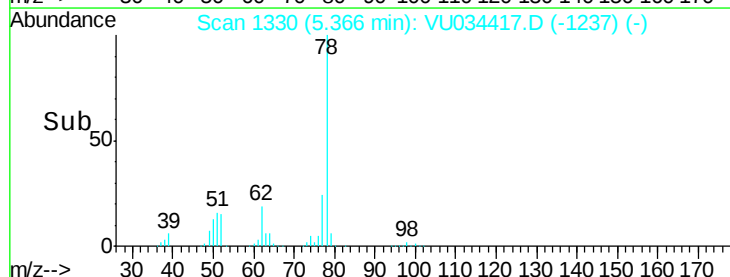
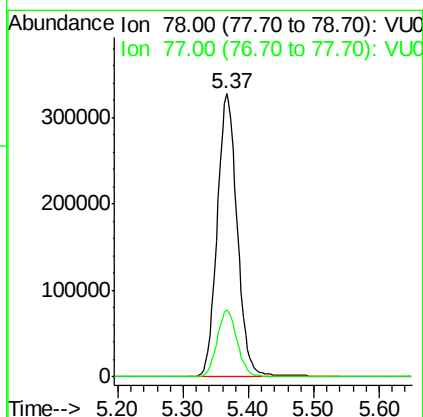
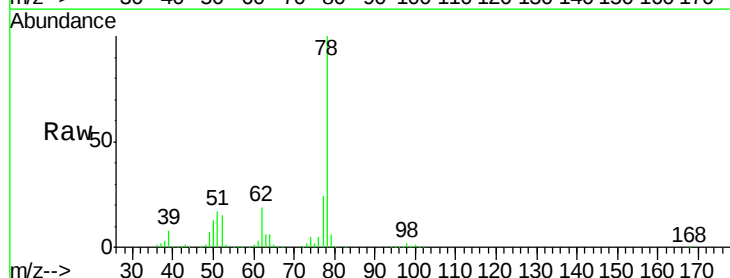
Manual Integrations
APPROVED

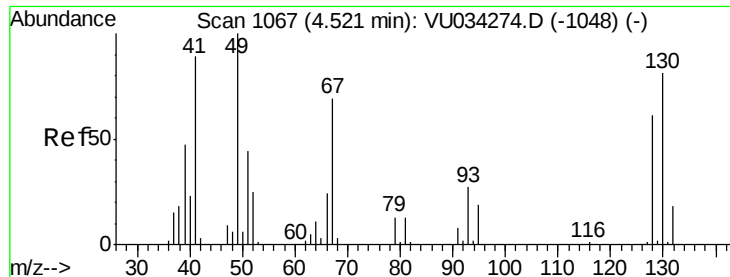
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#40
Benzene
Concen: 52.917 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.7	28.1	





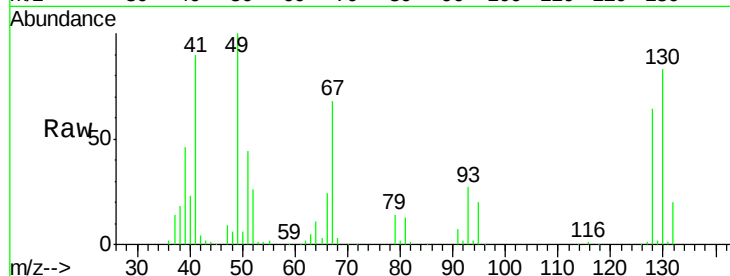
#41
Methacrylonitrile
Concen: 53.217 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

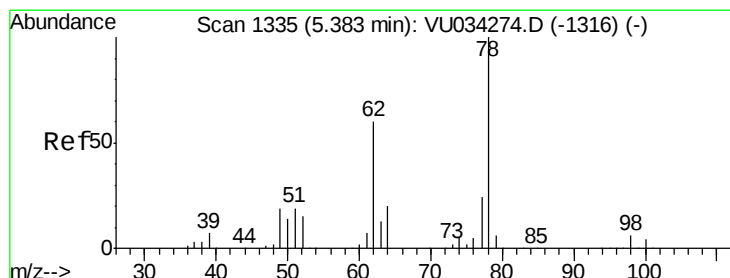
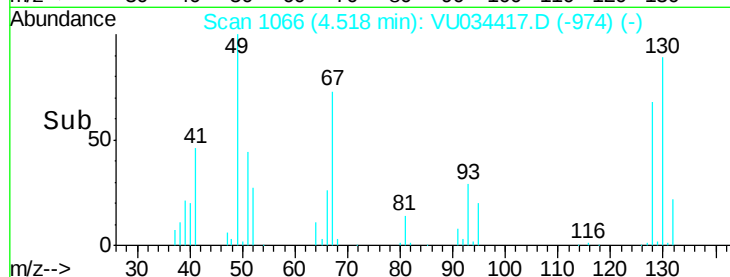
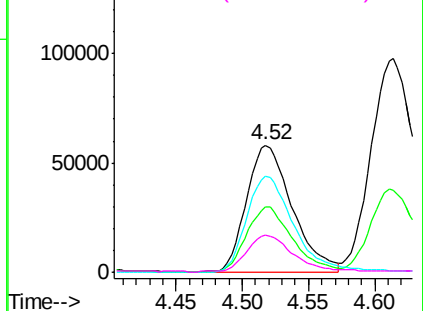
Tot Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.0	61.4
67	80.0	62.4	93.6
52	30.4	23.6	35.4

Manual Integrations
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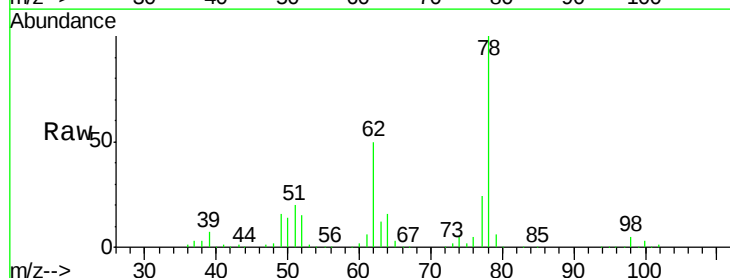


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

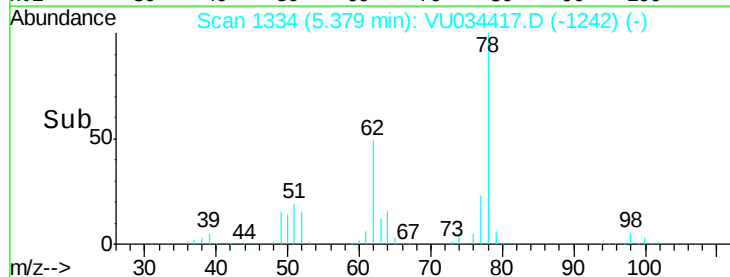
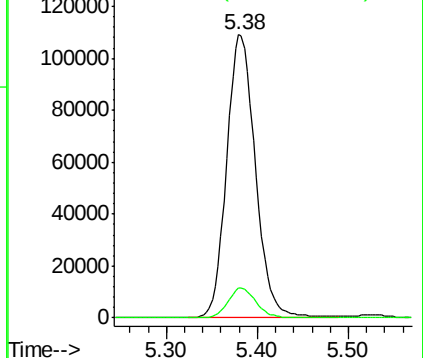


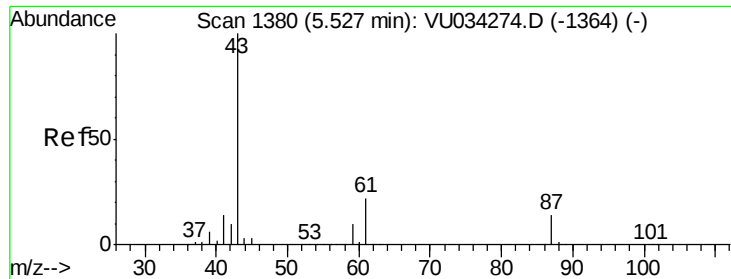
#42
1,2-Dichloroethane
Concen: 52.055 ug/l
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





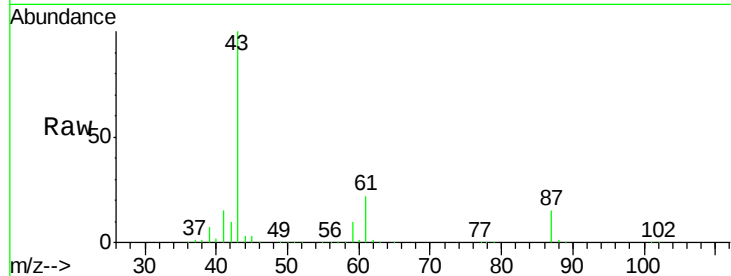
#43
Isopropyl Acetate
Concen: 49.587 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

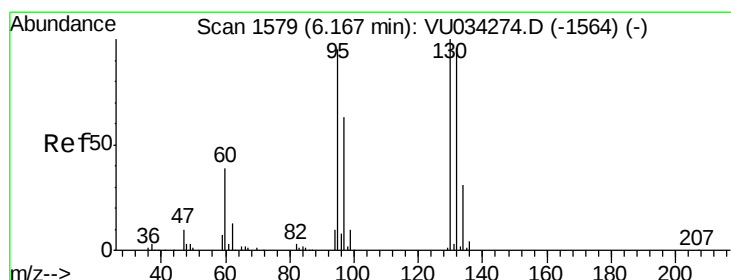
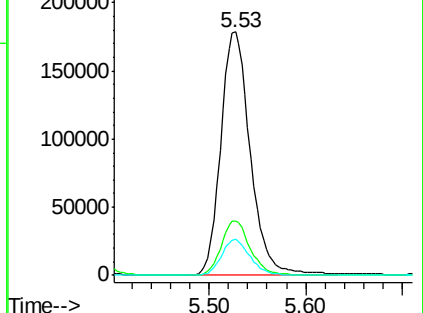
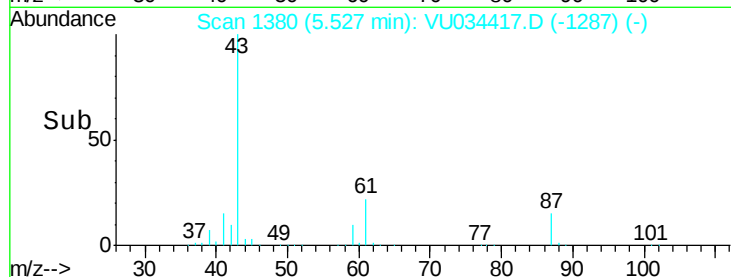
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.1	25.7
87	14.5	11.1	16.7

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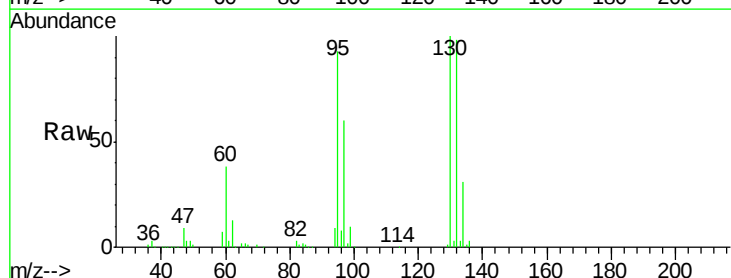


Abundance Ion 43.00 (42.70 to 43.70): VU034417.D (-1287) (-)
Ion 61.00 (60.70 to 61.70): VU034417.D (-1287) (-)
Ion 87.00 (86.70 to 87.70): VU034417.D (-1287) (-)

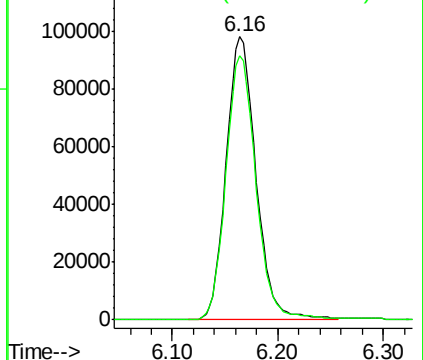
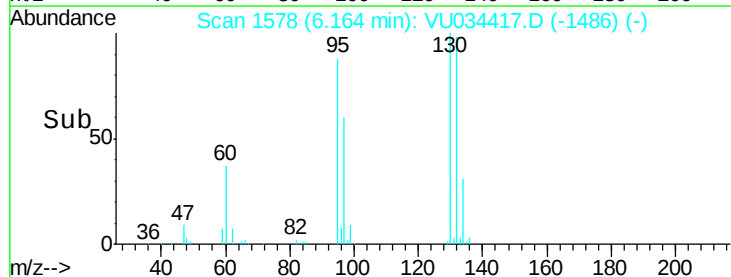


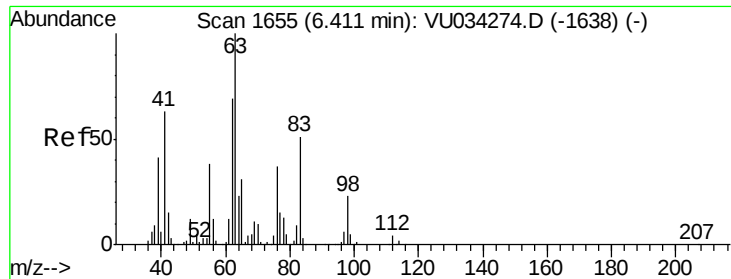
#44
Trichloroethene
Concen: 52.355 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034417.D (-1486) (-)
Ion 94.90 (94.60 to 95.60): VU034417.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 52.852 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 205006

Ion Ratio Lower Upper

63 100

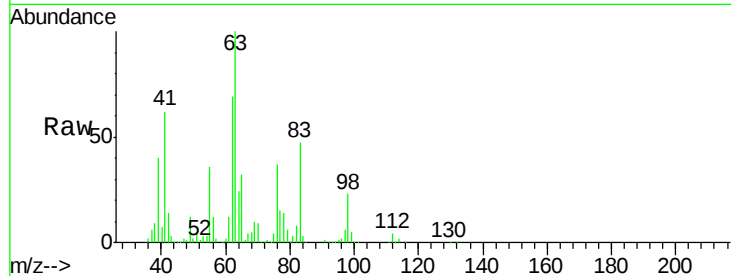
65 32.2 24.6 37.0

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.41

120000

100000

80000

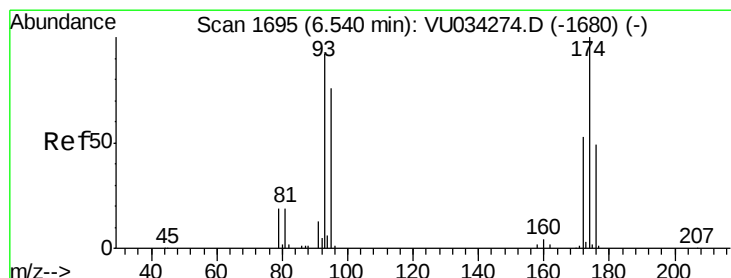
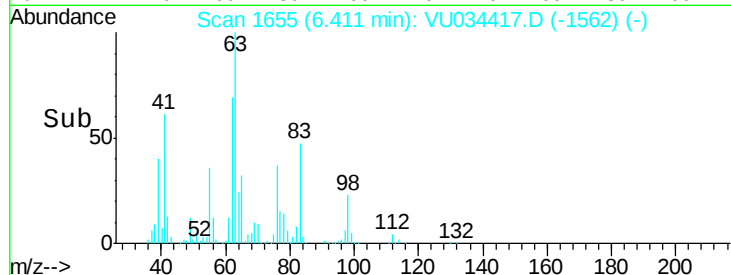
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 52.960 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

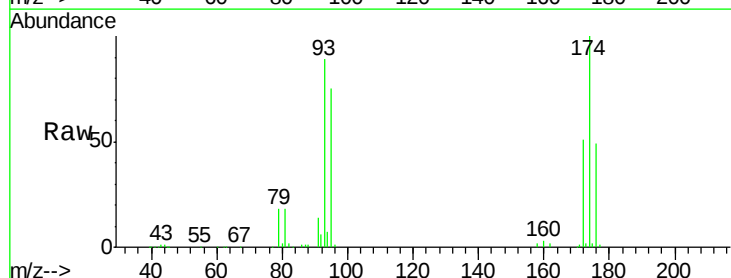
Tgt Ion: 93 Resp: 128946

Ion Ratio Lower Upper

93 100

95 85.8 66.5 99.7

174 115.7 87.8 131.6



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

100000

80000

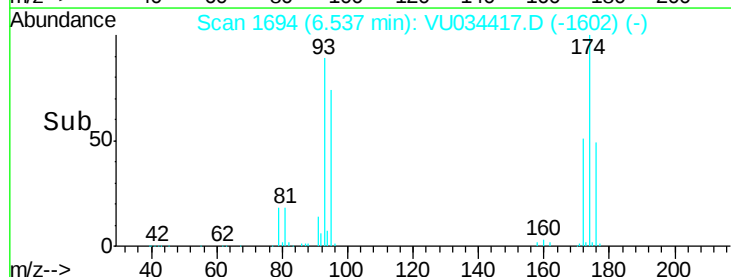
60000

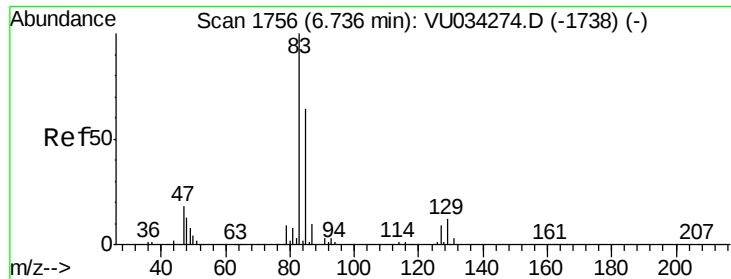
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.613 ug/l

RT: 6.73 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

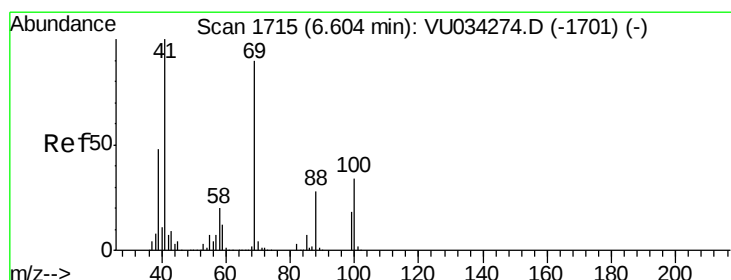
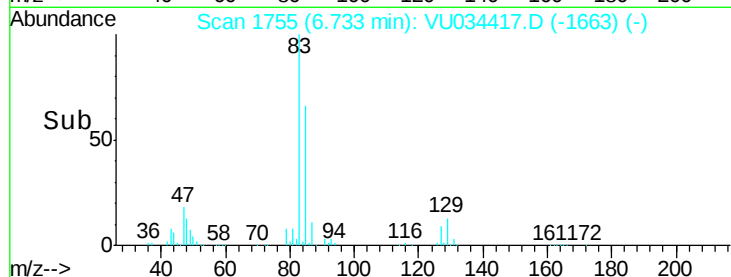
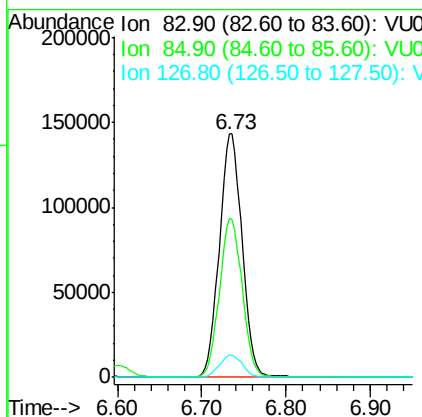
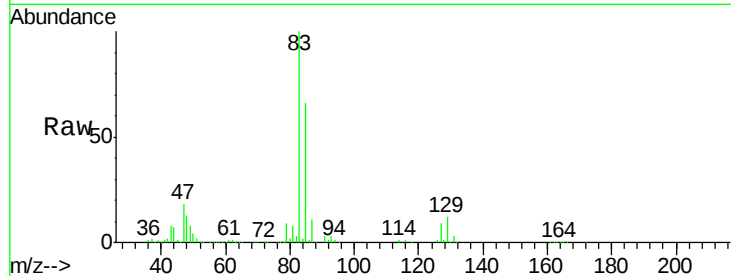
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	268694
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.1	76.7
127	9.1	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.521 ug/l

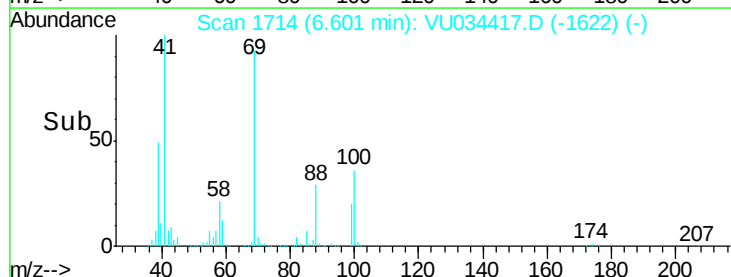
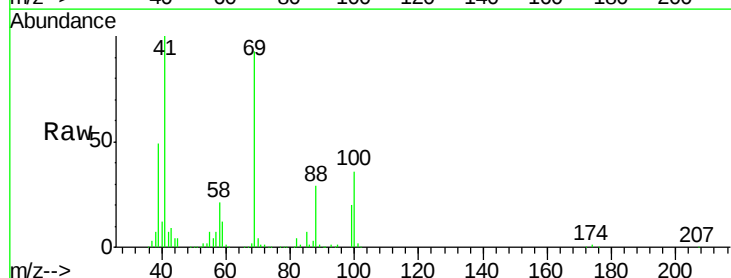
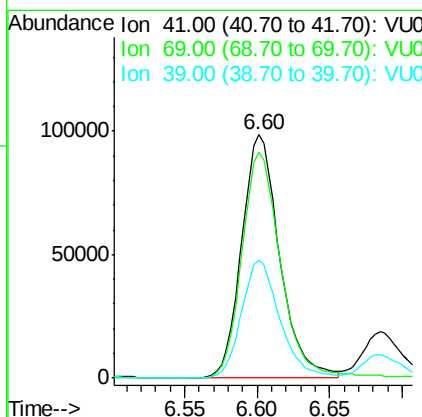
RT: 6.60 min Scan# 1714

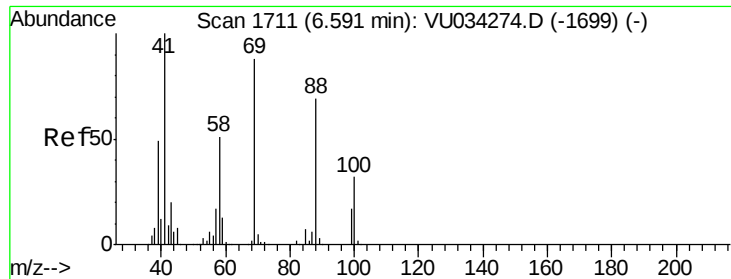
Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	41	Resp:	178382
Ion Ratio	Lower	Upper	
41	100		
69	96.0	72.8	109.2
39	49.0	38.6	58.0





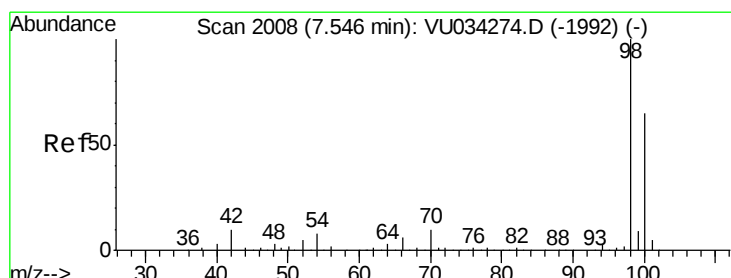
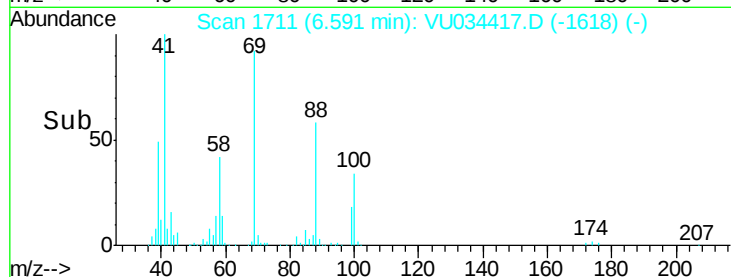
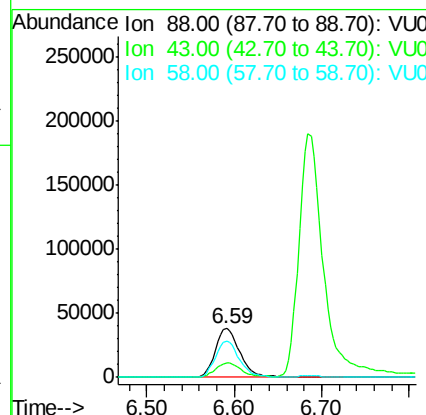
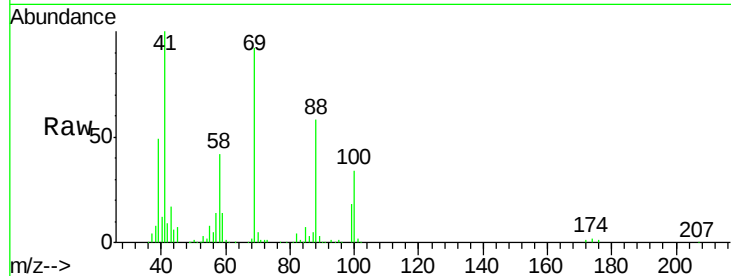
#49
1,4-Dioxane
Concen: 938.253 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	73801
Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.8	35.6
58	73.1	58.4	87.6

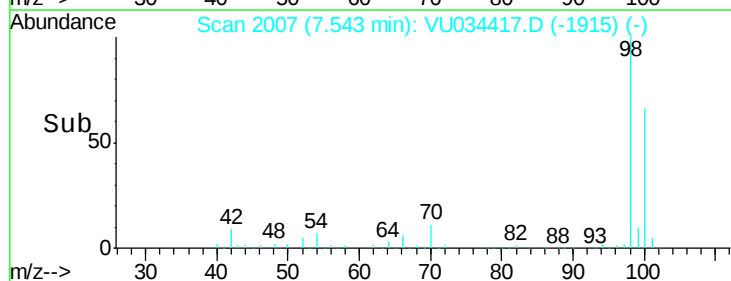
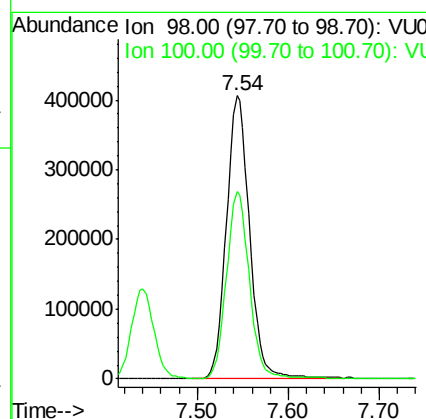
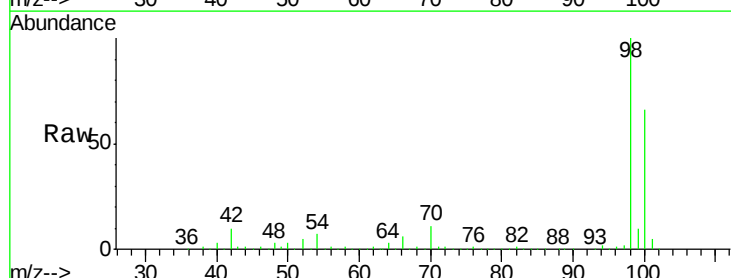
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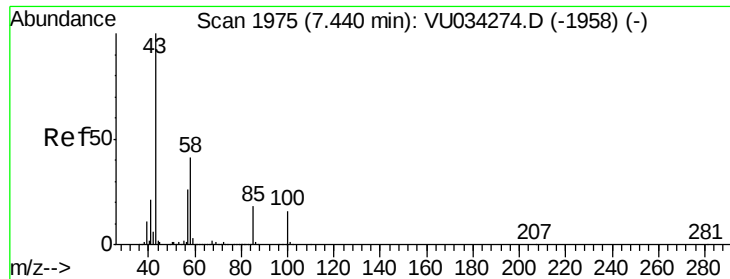
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#50
Toluene-d8
Concen: 54.361 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	98	Resp	720549
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





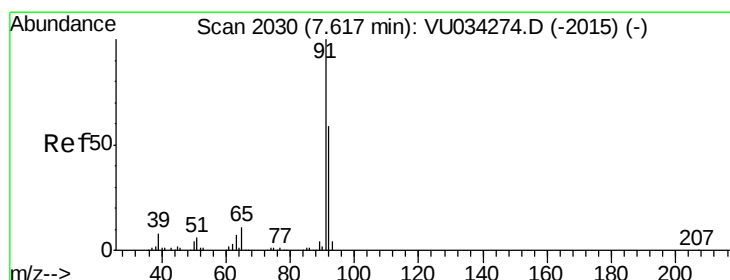
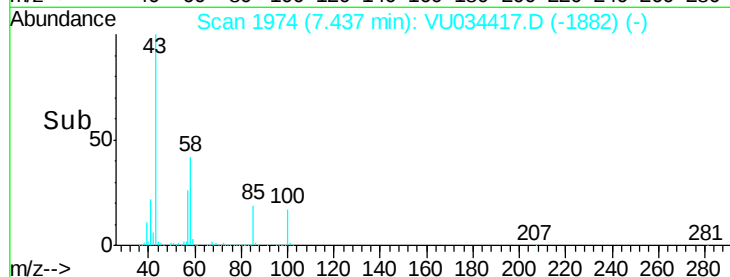
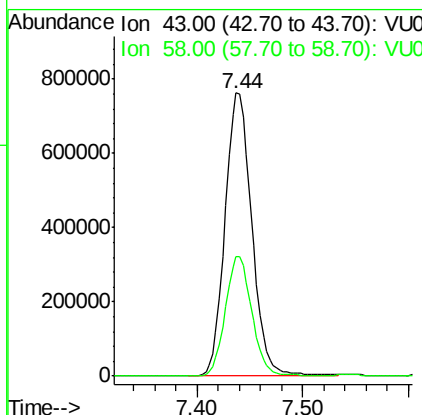
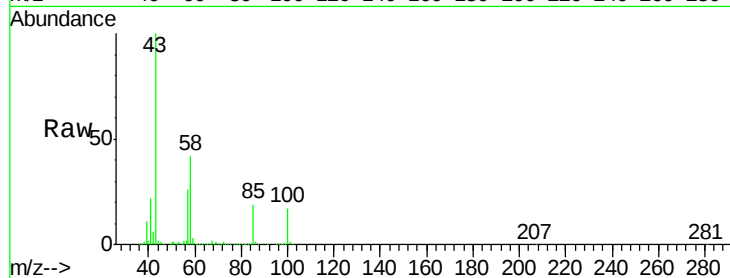
#51
4-Methyl-2-Pentanone
Concen: 255.494 ug/l
RT: 7.44 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1341270
Ion Ratio Lower Upper
43 100
58 41.9 33.0 49.4

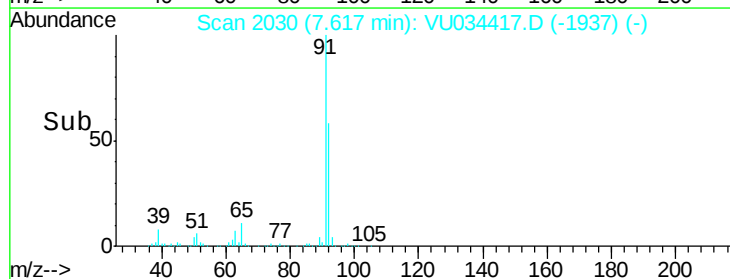
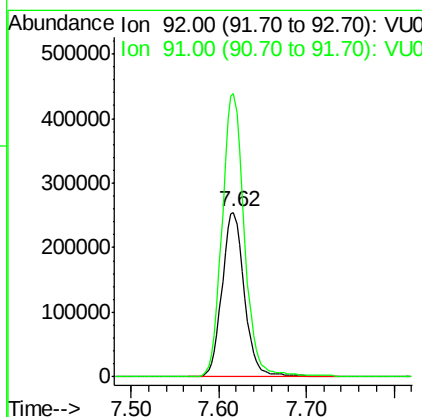
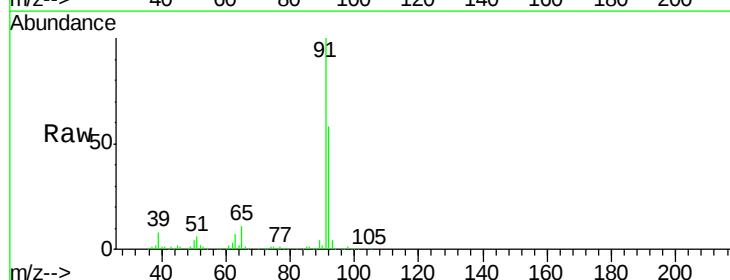
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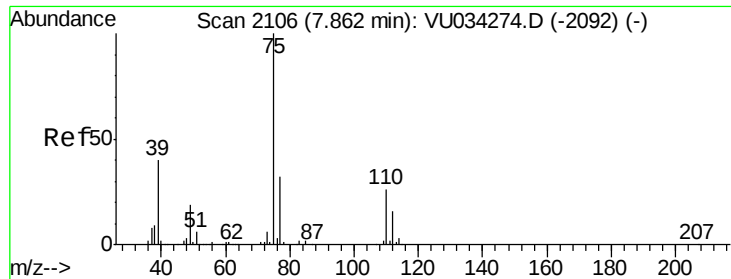
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#52
Toluene
Concen: 54.556 ug/l
RT: 7.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 92 Resp: 454080
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





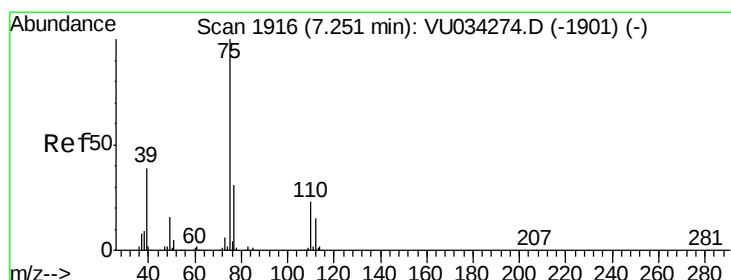
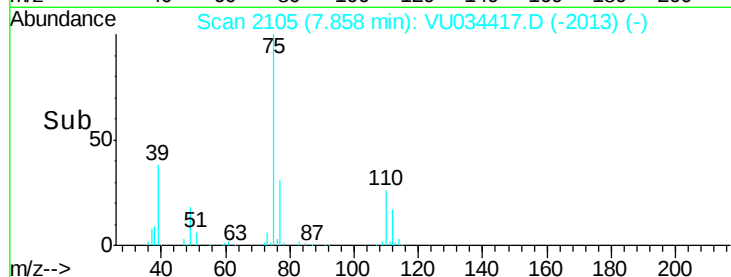
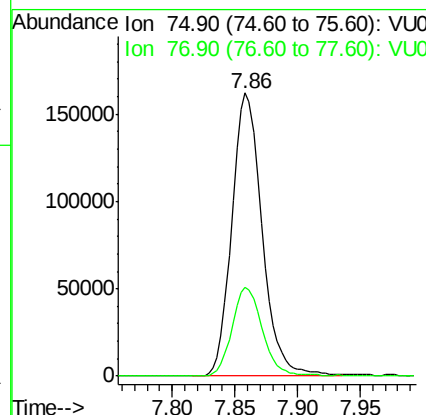
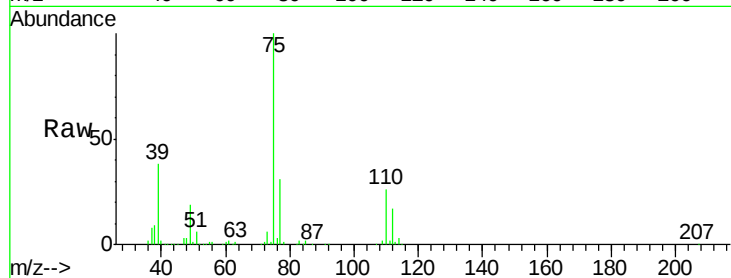
#53
t-1,3-Dichloropropene
Concen: 52.427 ug/l
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.7	38.5

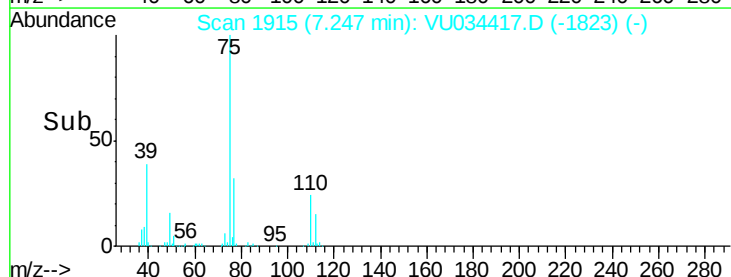
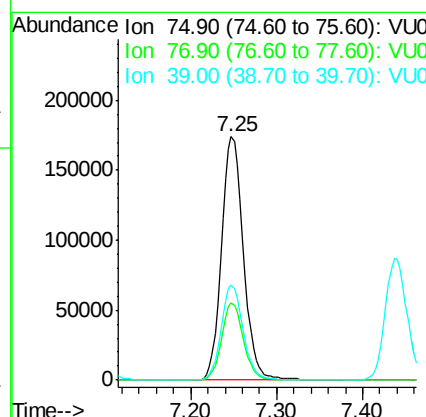
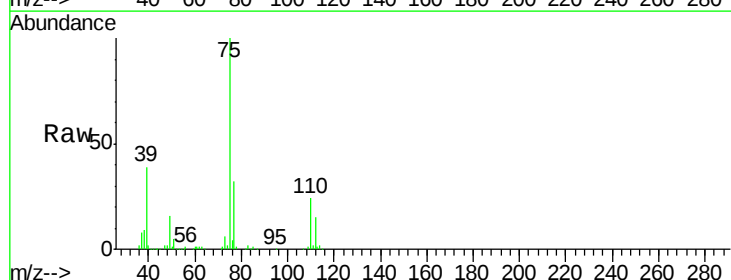
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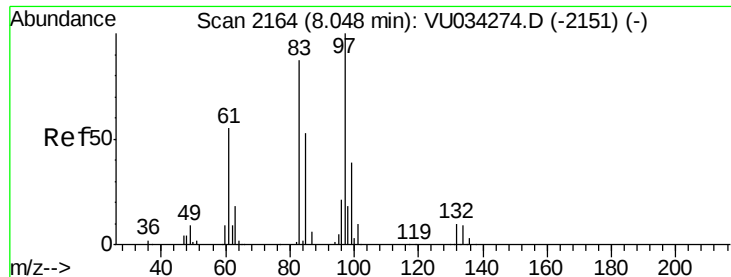
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#54
cis-1,3-Dichloropropene
Concen: 54.290 ug/l
RT: 7.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7
39	39.2	31.2	46.8





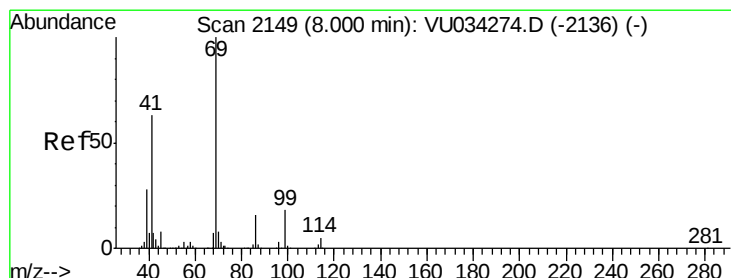
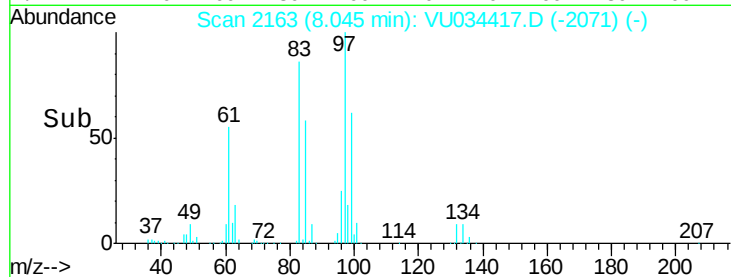
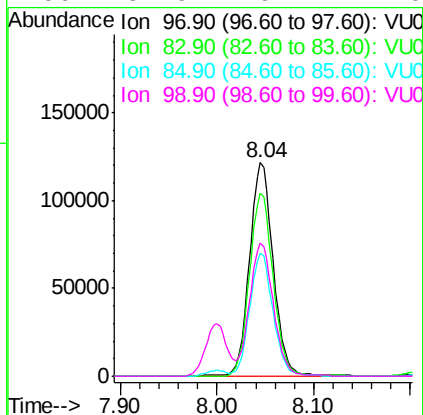
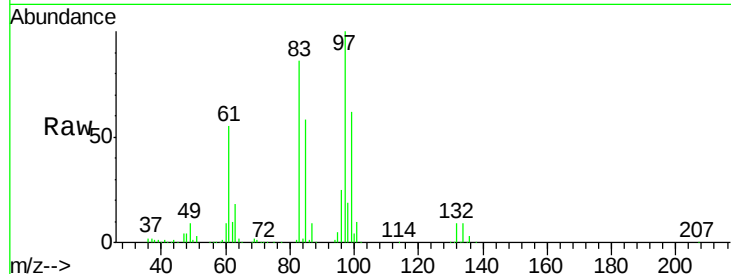
#55
 1,1,2-Trichloroethane
 Concen: 54.810 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	57.8	44.2	66.2
99	61.9	49.4	74.0

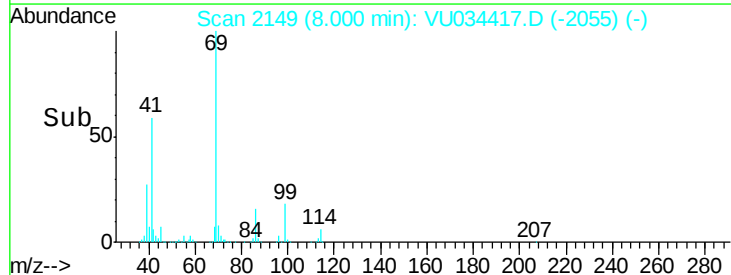
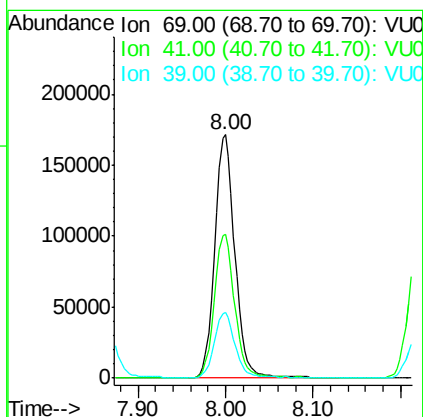
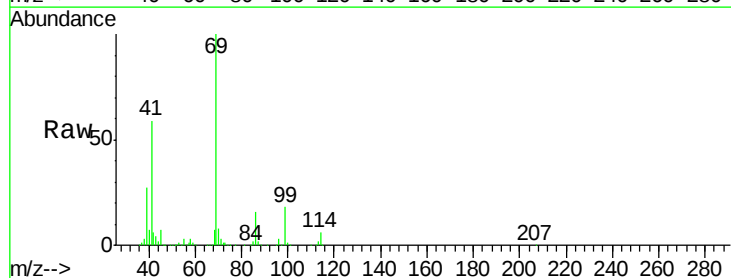
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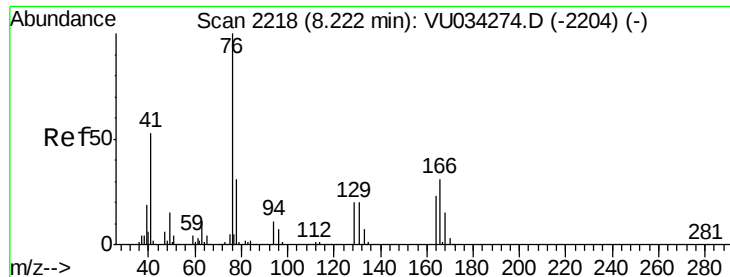
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#56
 Ethyl methacrylate
 Concen: 47.828 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.7	49.5	74.3
39	26.9	22.5	33.7





#57

1,3-Dichloropropane

Concen: 53.136 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 327007

Ion Ratio Lower Upper

76 100

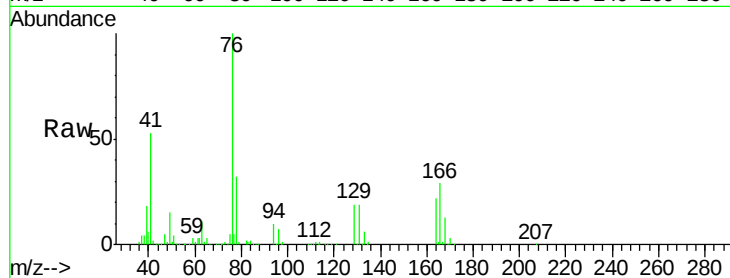
78 31.6 25.4 38.2

Manual Integrations

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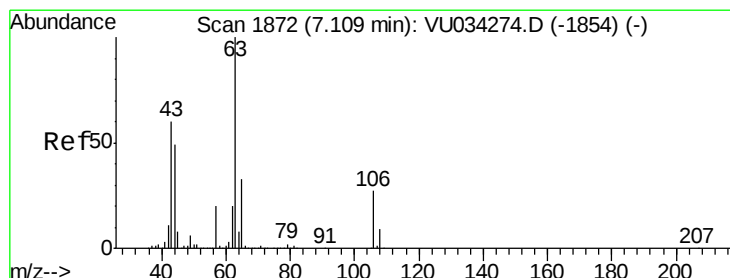
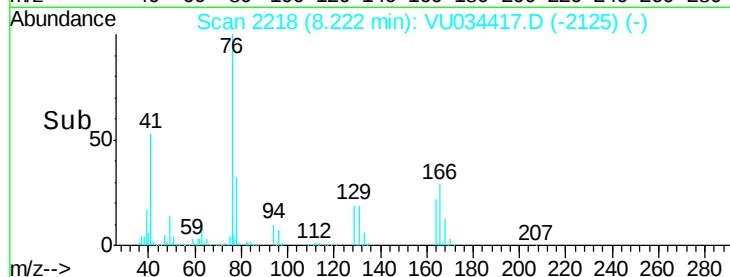
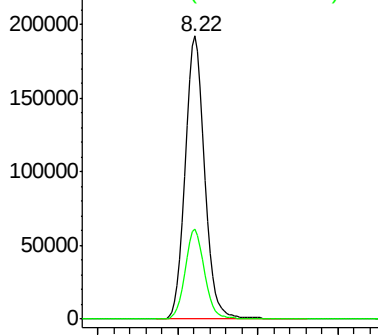
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 212.083 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VU034417.D

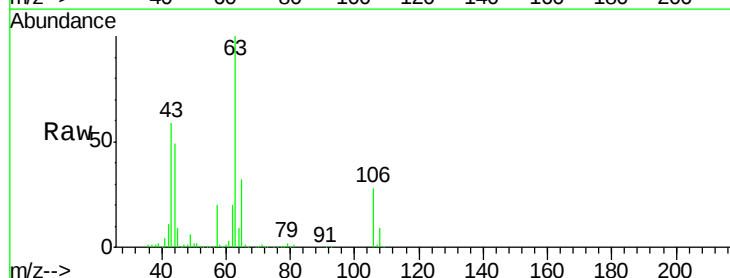
Acq: 09 Sep 2019 08:53

Tgt Ion: 63 Resp: 406754

Ion Ratio Lower Upper

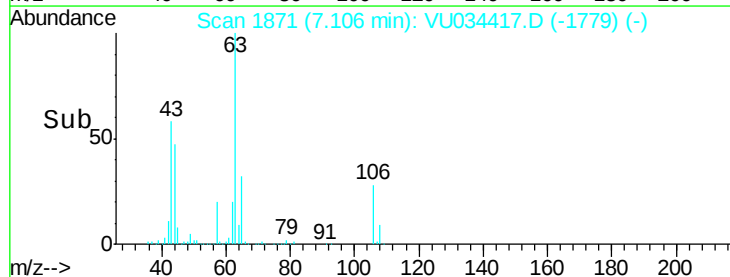
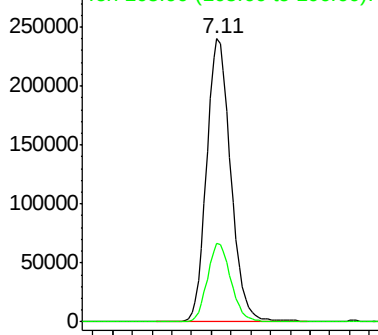
63 100

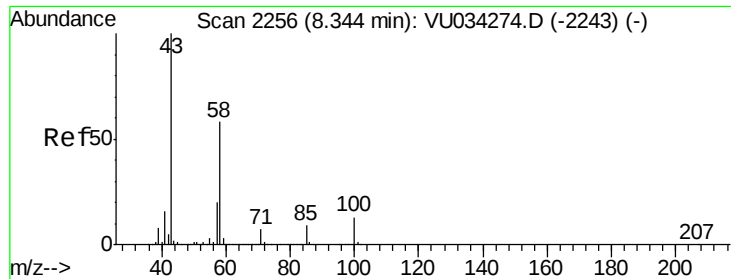
106 27.2 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





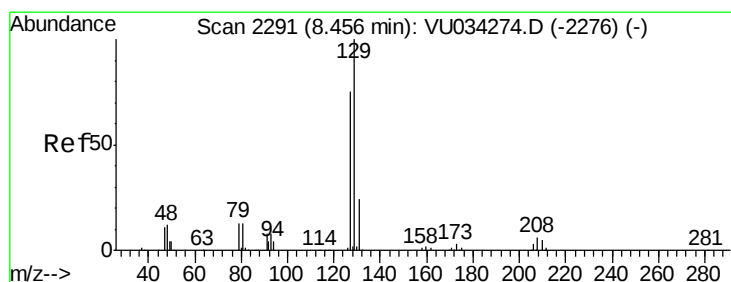
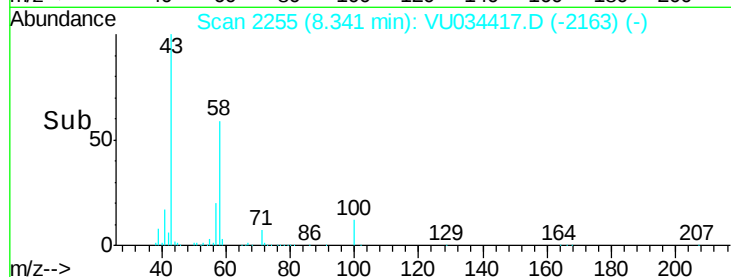
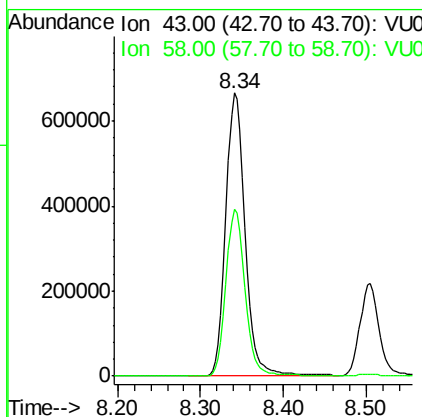
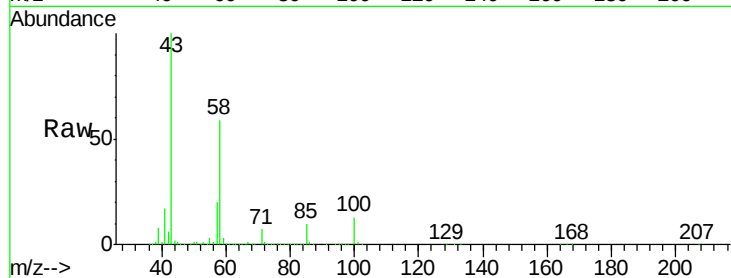
#59
2-Hexanone
Concen: 274.127 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1075075
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.5

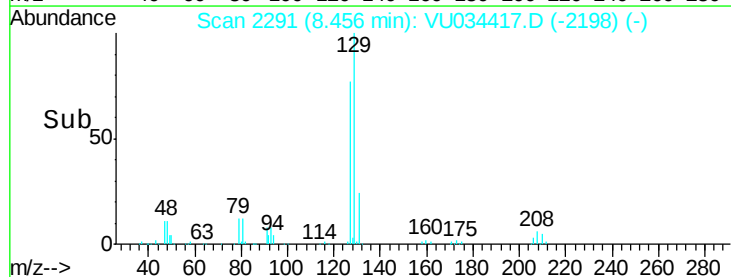
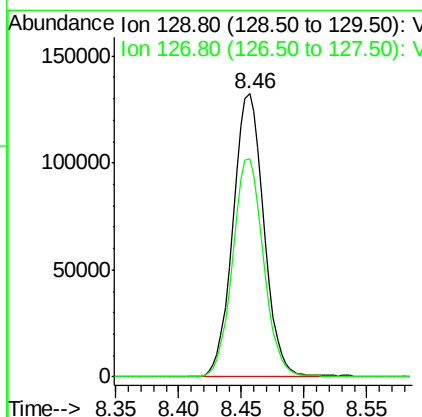
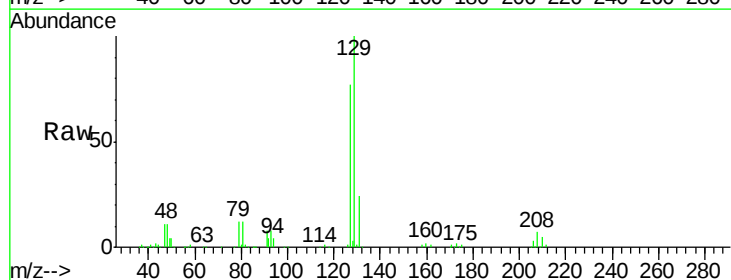
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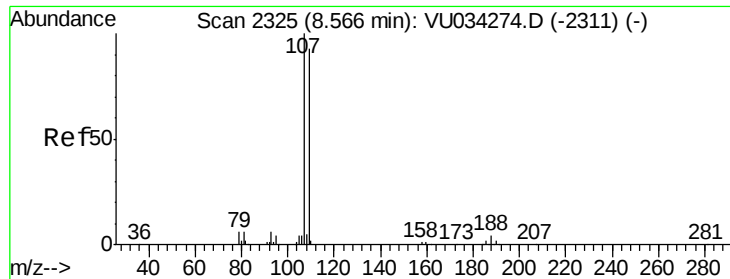
MMDadoda
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#60
Dibromochloromethane
Concen: 55.976 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 129 Resp: 226912
Ion Ratio Lower Upper
129 100
127 77.2 37.9 113.7





#61

1,2-Dibromoethane

Concen: 54.336 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 200996

Ion Ratio Lower Upper

107 100

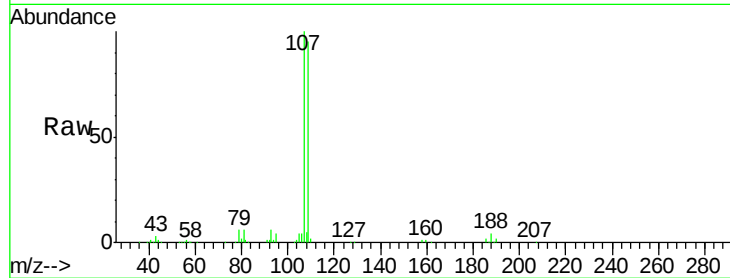
109 94.9 75.0 112.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

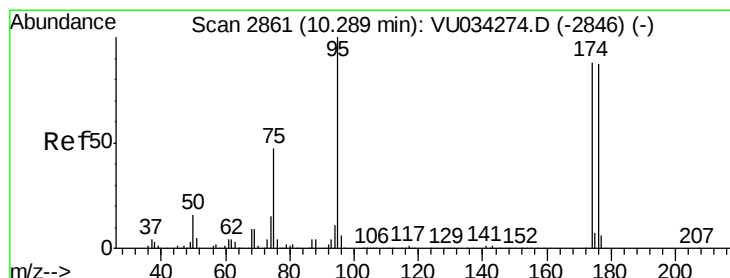
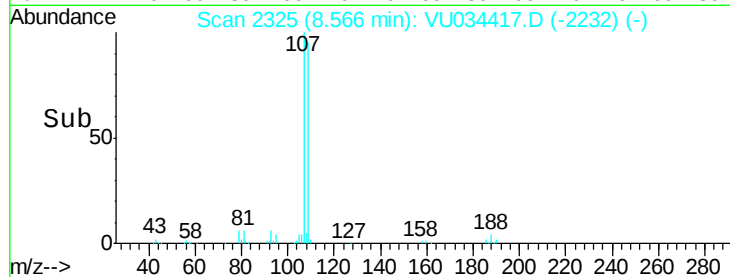
8.57

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.320 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

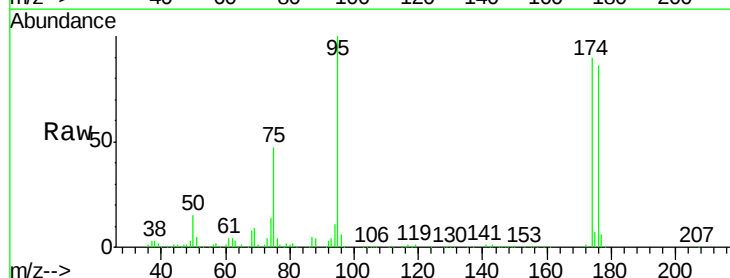
Tgt Ion: 95 Resp: 272871

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

176 85.8 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.29

200000

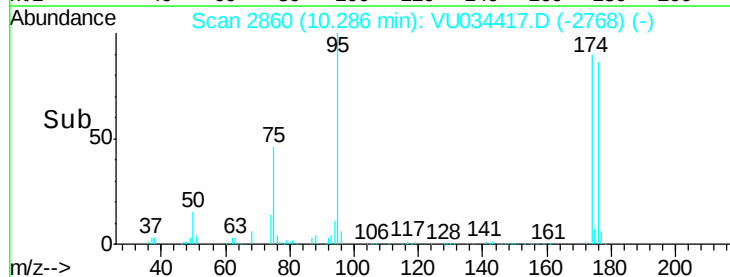
150000

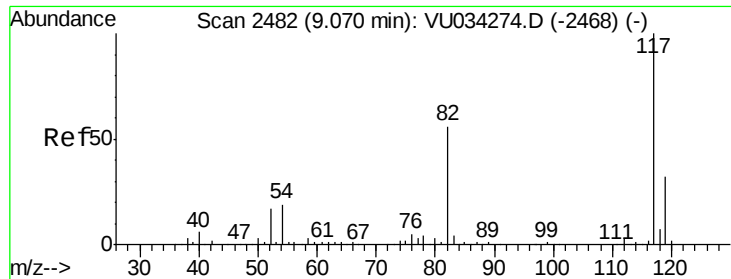
100000

50000

0

Time-->





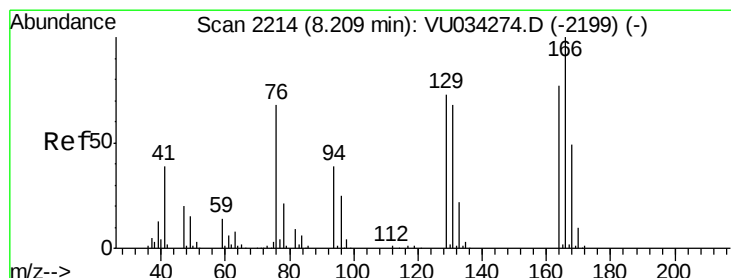
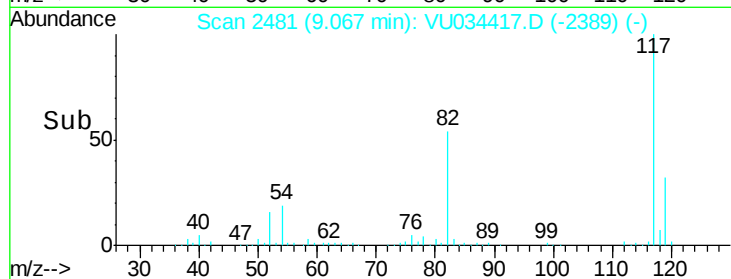
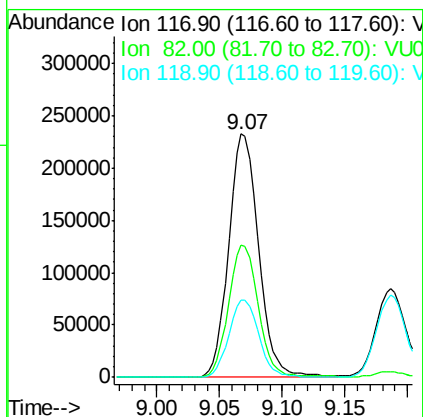
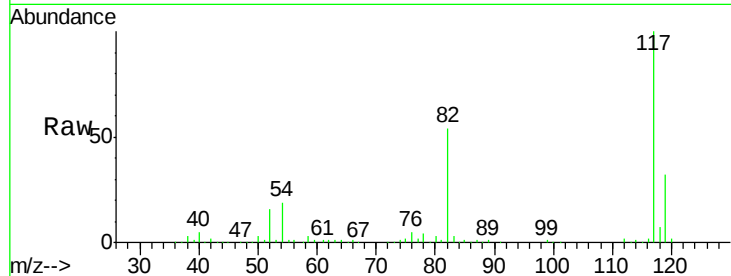
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	67.0
119	31.8	25.9	38.9

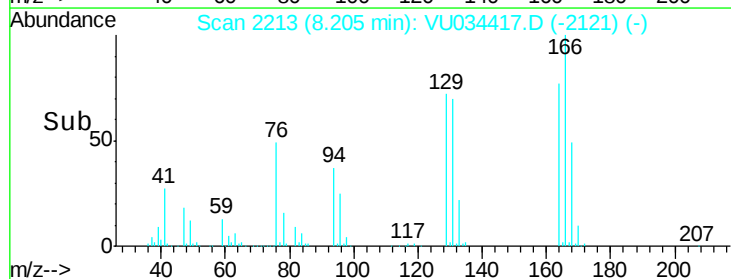
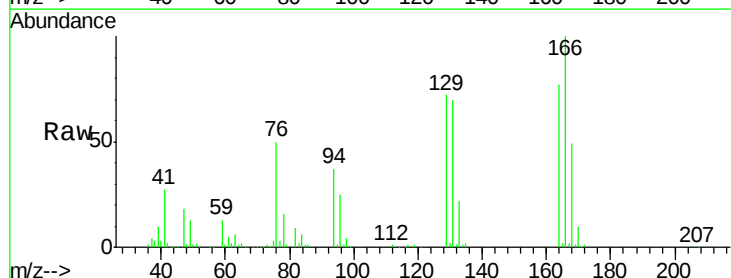
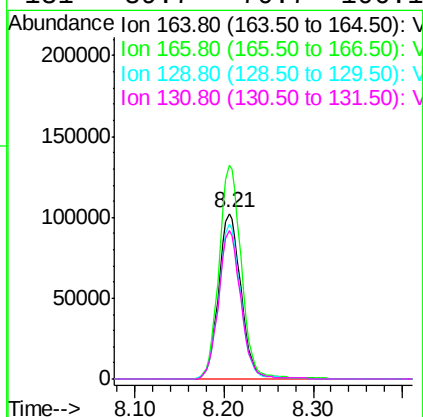
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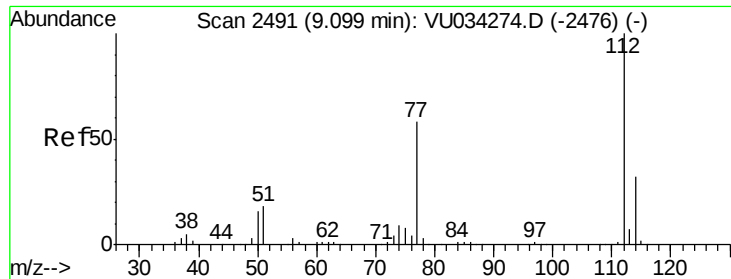
MMDadoda
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#64
Tetrachloroethene
Concen: 53.061 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.7	155.5
129	93.2	75.8	113.8
131	89.7	70.7	106.1





#65

Chlorobenzene

Concen: 53.116 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 520331

Ion Ratio Lower Upper

112 100

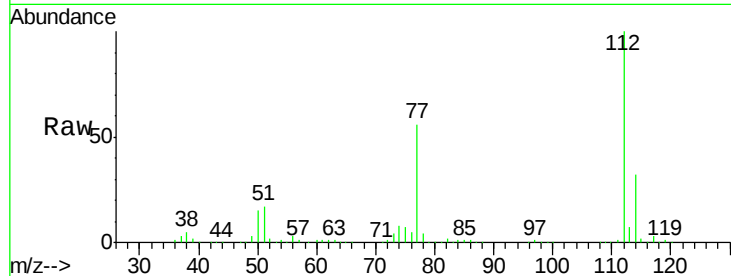
114 32.1 25.9 38.9

Manual Integrations

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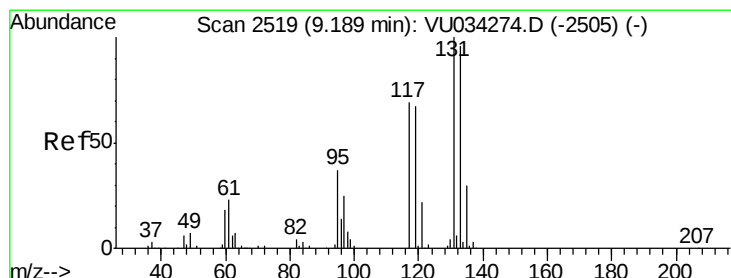
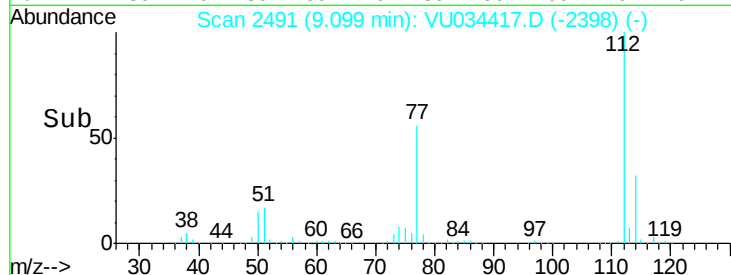
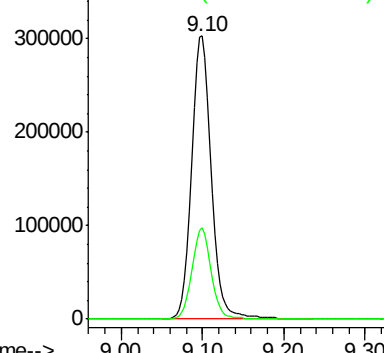
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.681 ug/l

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

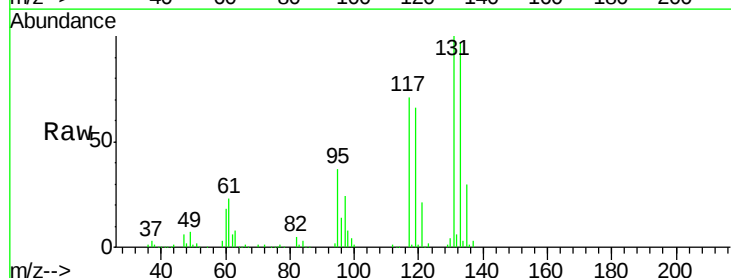
Tgt Ion:131 Resp: 200688

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.7

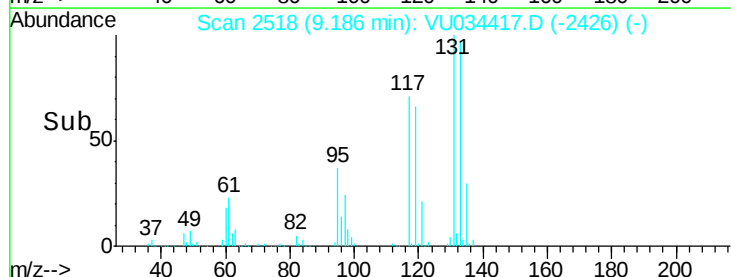
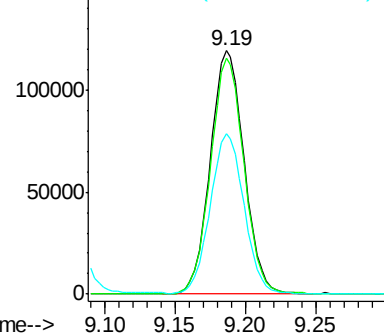
119 65.4 33.1 99.5

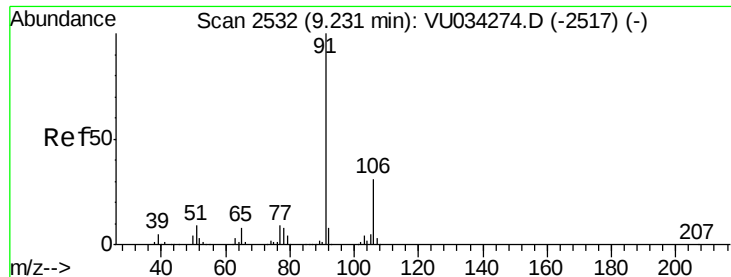


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.467 ug/l

RT: 9.23 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 856402

Ion Ratio Lower Upper

91 100

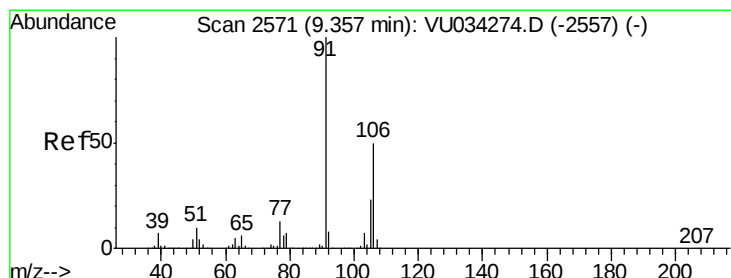
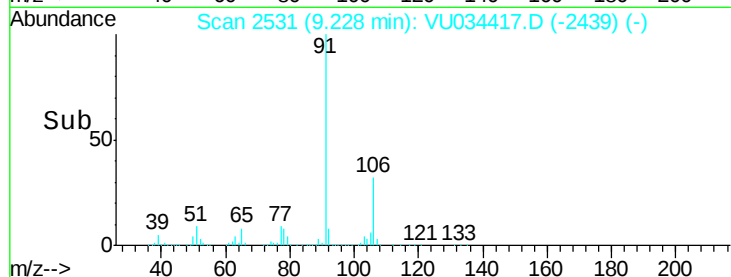
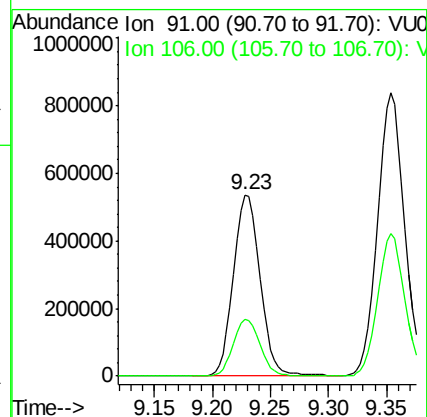
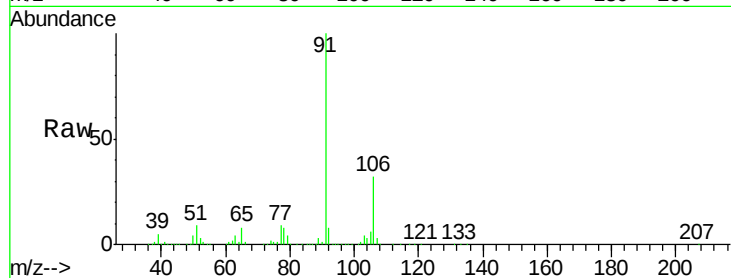
106 31.5 24.8 37.2

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#68

m/p-Xylenes

Concen: 115.574 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034417.D

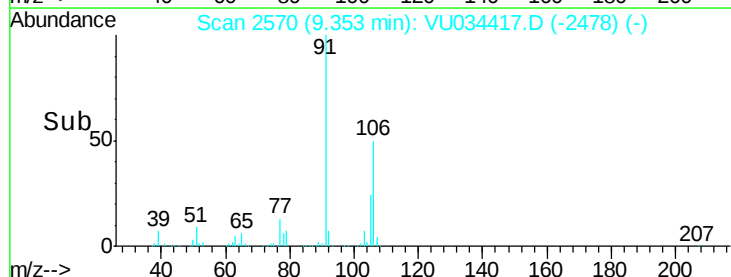
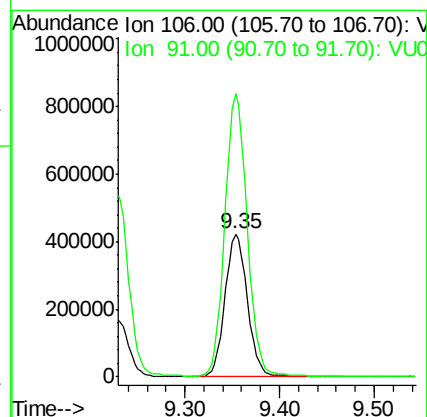
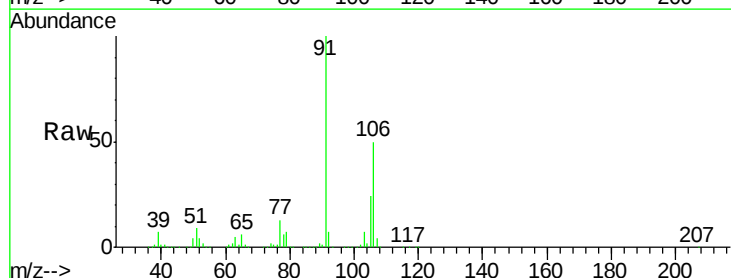
Acq: 09 Sep 2019 08:53

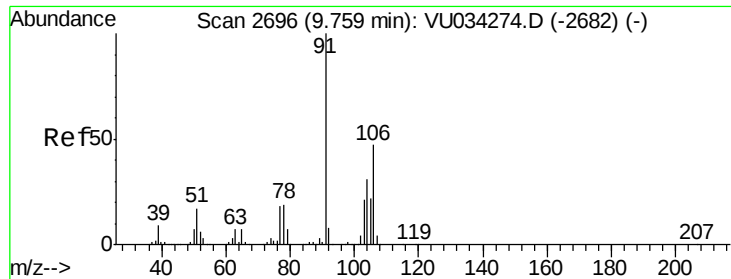
Tgt Ion: 106 Resp: 697083

Ion Ratio Lower Upper

106 100

91 197.6 160.1 240.1





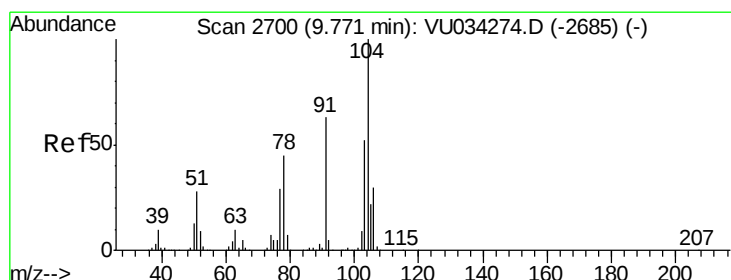
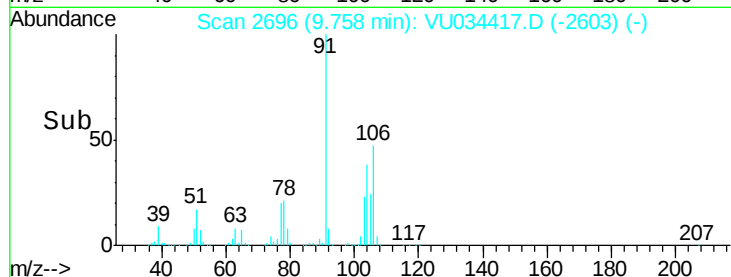
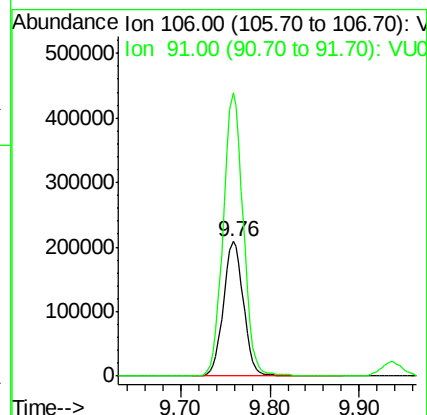
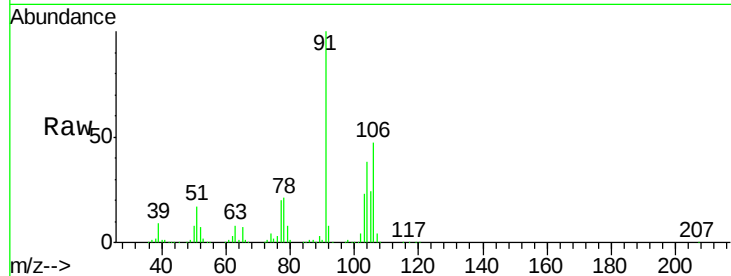
#69
o-Xylene
Concen: 55.191 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	105.1	315.3

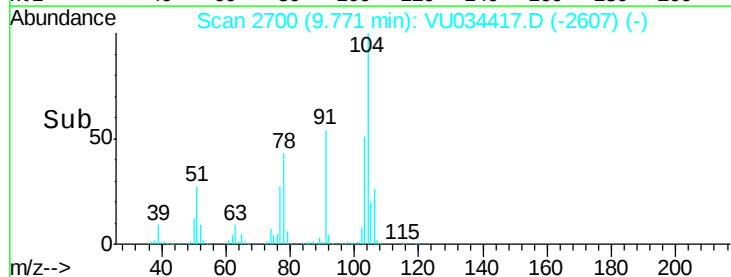
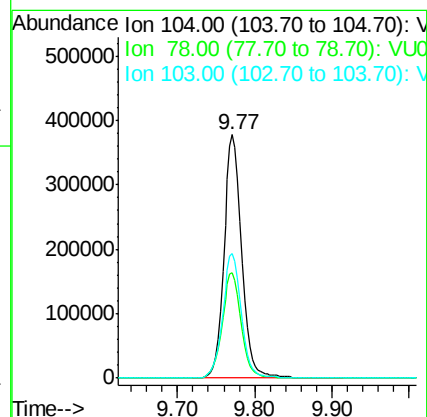
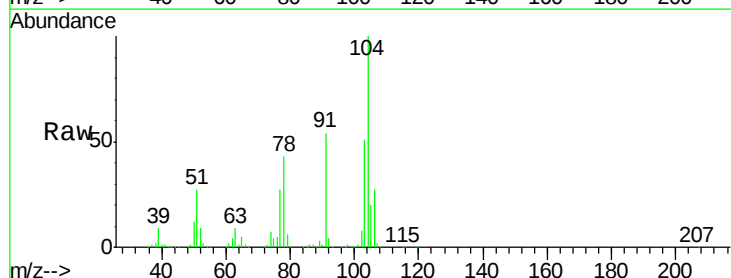
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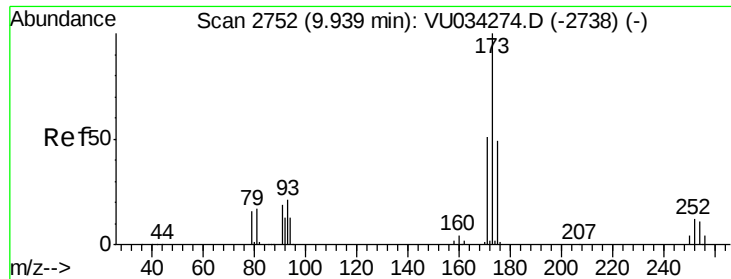
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#70
Styrene
Concen: 58.696 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.6	57.8
103	54.4	44.2	66.4





#71

Bromoform

Concen: 54.953 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

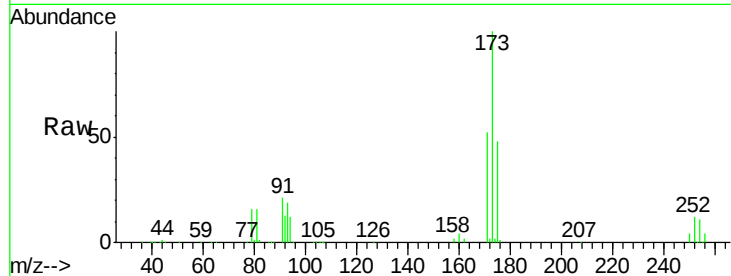
ClientSampleId :

VSTDCCC050

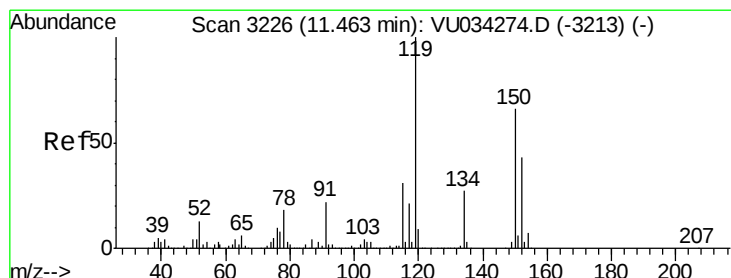
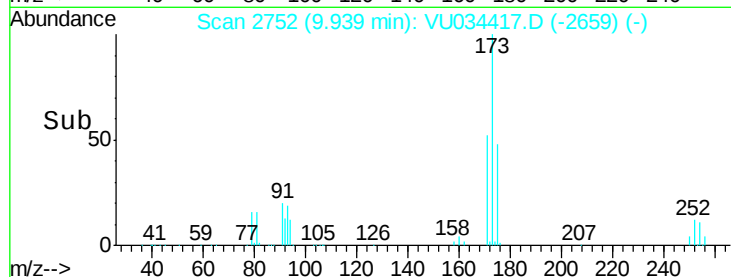
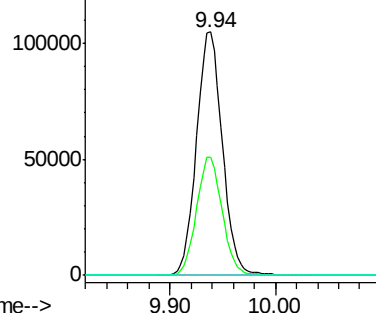
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.2
254	0.1	0.0	0.0#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

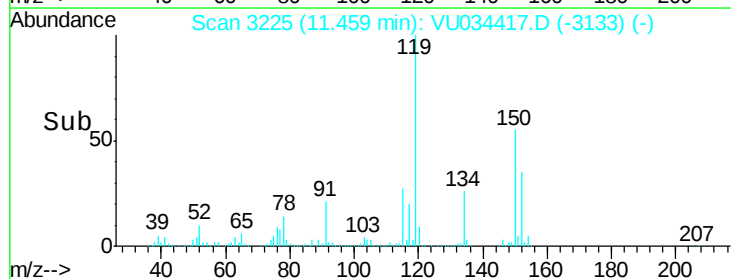
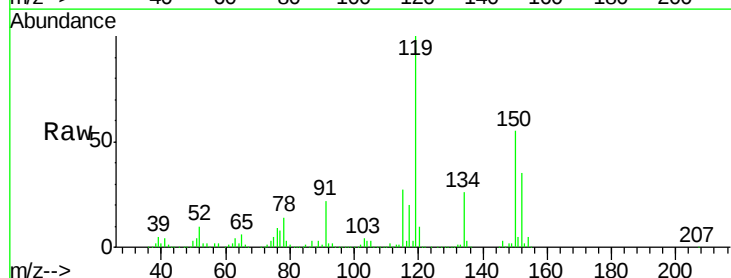
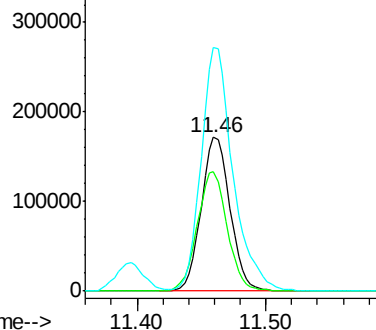
Delta R.T. -0.00 min

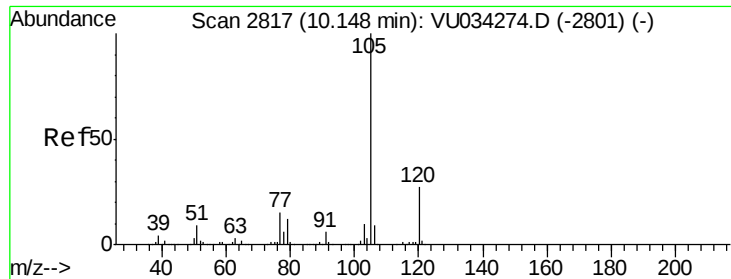
Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	39.1	117.3
150	173.3	0.0	345.4

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





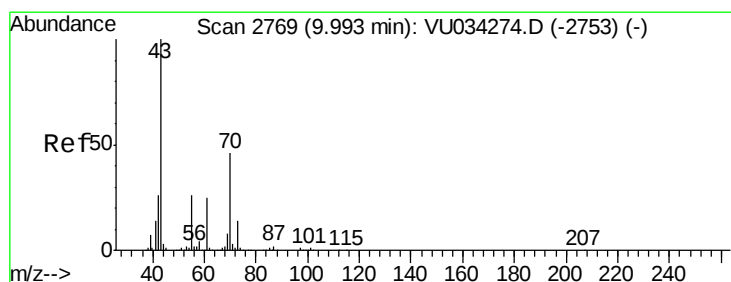
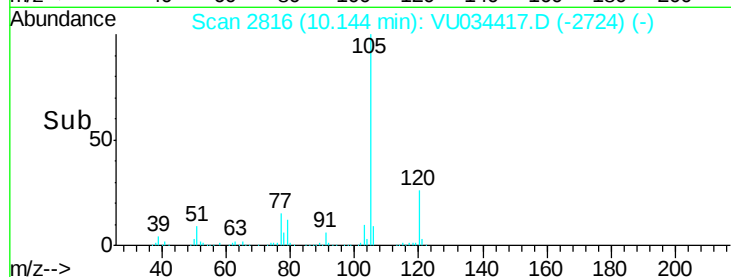
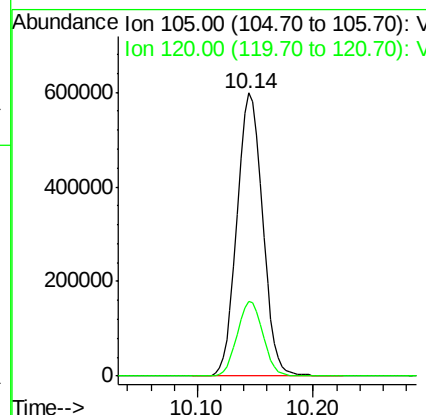
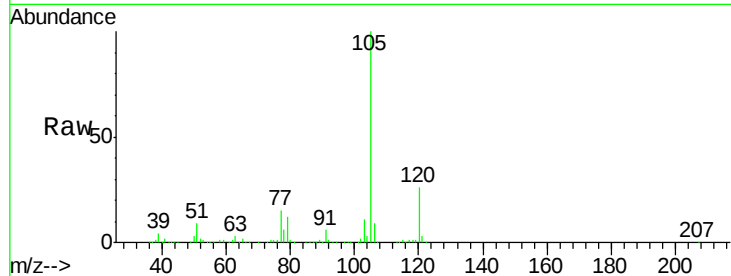
#73
Isopropylbenzene
Concen: 52.665 ug/l
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2

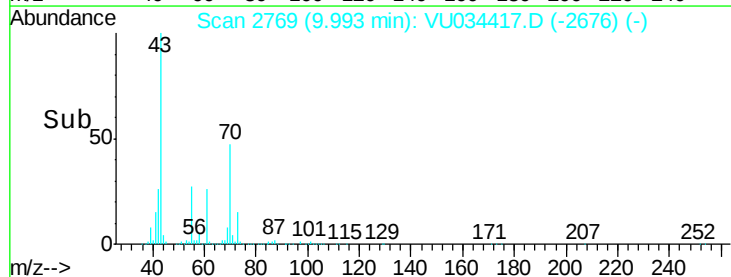
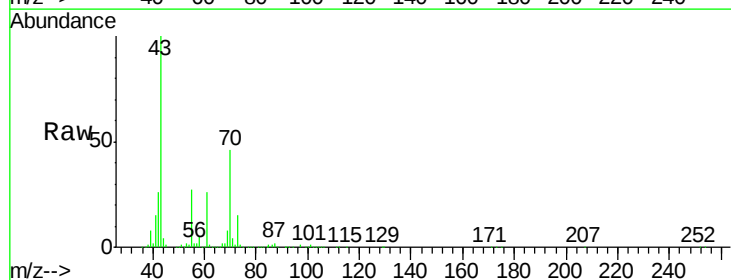
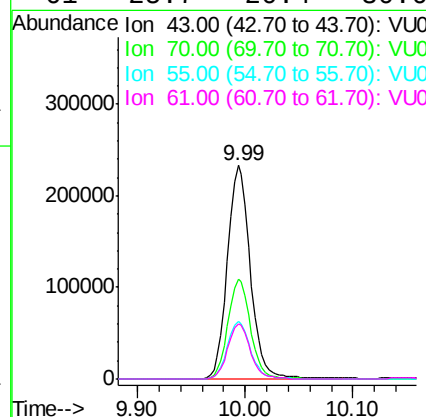
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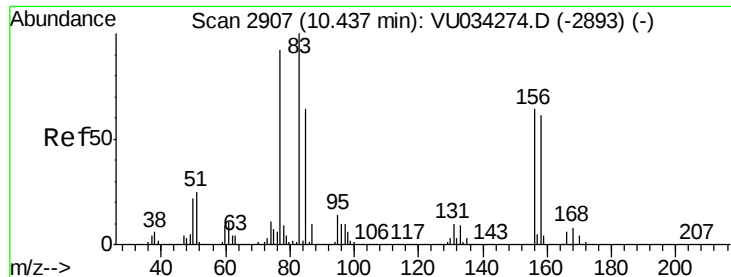
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#74
N-ethyl acetate
Concen: 49.193 ug/l
RT: 9.99 min Scan# 2769
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.4	36.4	54.6
55	27.3	21.2	31.8
61	25.7	20.4	30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.646 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 342863

Ion Ratio Lower Upper

83 100

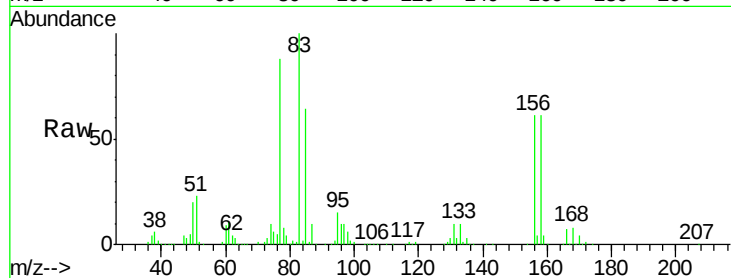
131 10.1 5.1 15.2

85 64.7 32.0 96.2

Manual Integrations
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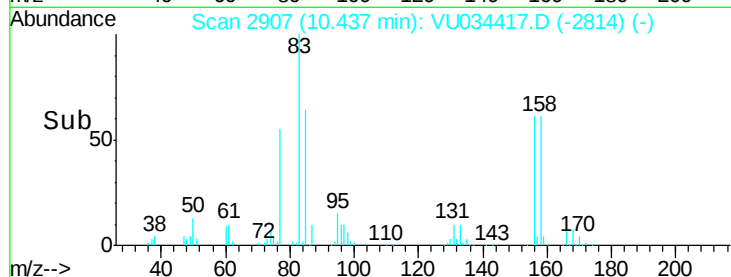


Abundance Ion 82.90 (82.60 to 83.60): VU034417.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034417.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034417.D (-2814) (-)

Time-->

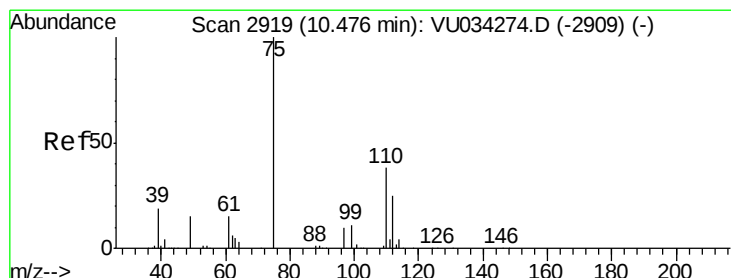


Abundance Ion 82.90 (82.60 to 83.60): VU034417.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034417.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034417.D (-2814) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 46.868 ug/l m

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034417.D

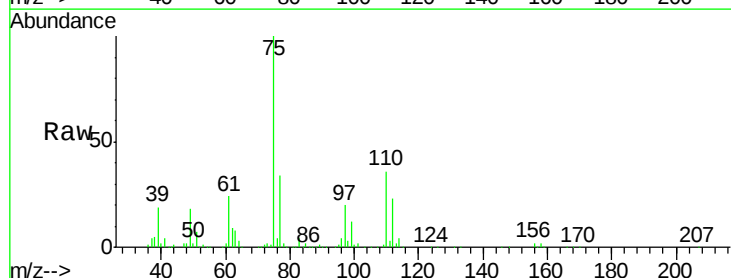
Acq: 09 Sep 2019 08:53

Tgt Ion: 75 Resp: 273729

Ion Ratio Lower Upper

75 100

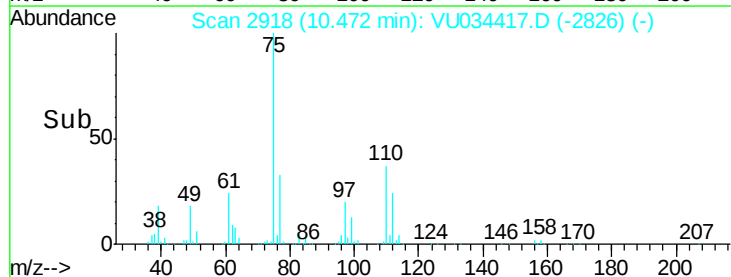
77 40.9 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034417.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034417.D (-2826) (-)

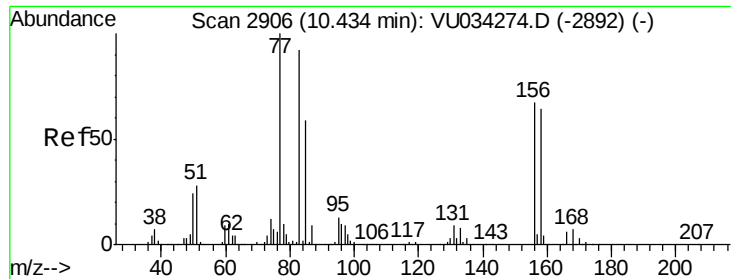
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU034417.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034417.D (-2826) (-)

Time-->



#77

Bromobenzene

Concen: 51.261 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

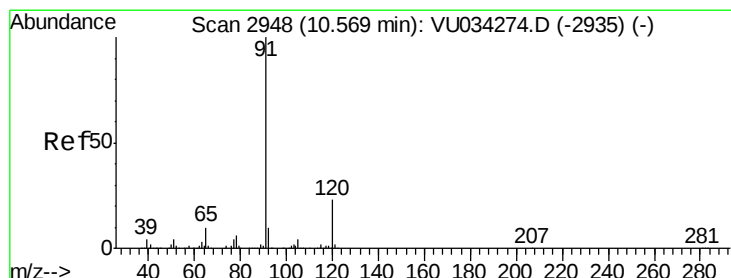
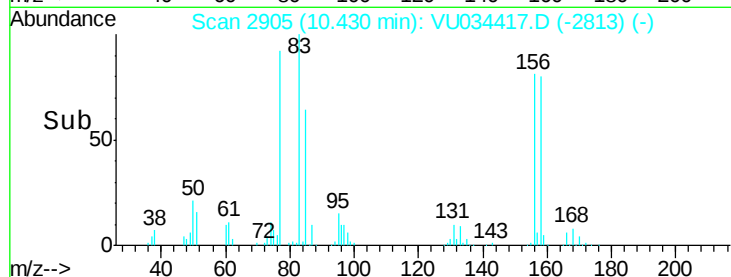
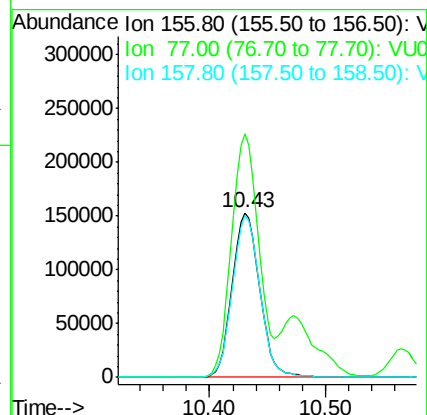
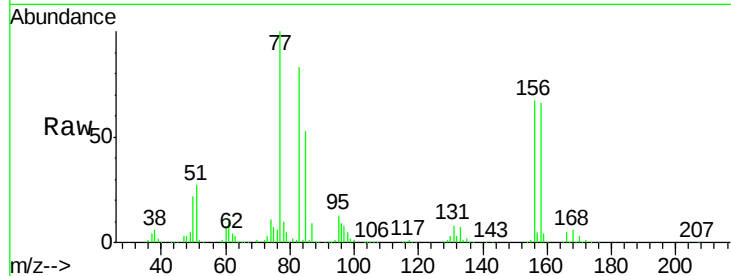
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	249574
Ion Ratio	Lower	Upper	
156	100		
77	147.2	75.6	226.9
158	98.3	48.2	144.6

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#78

n-propylbenzene

Concen: 53.694 ug/l

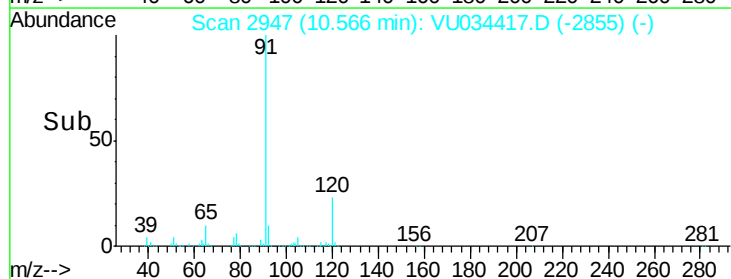
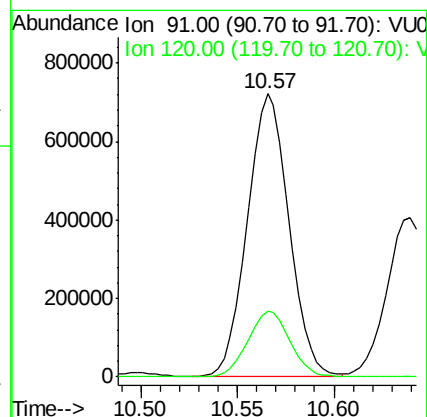
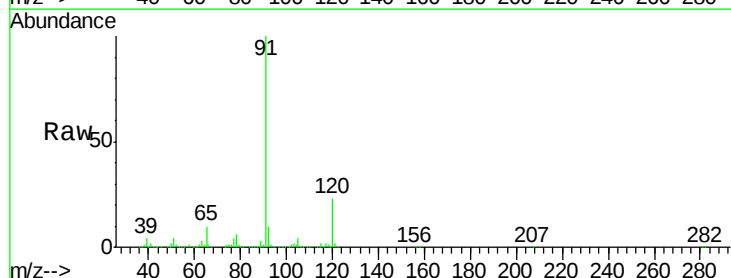
RT: 10.57 min Scan# 2947

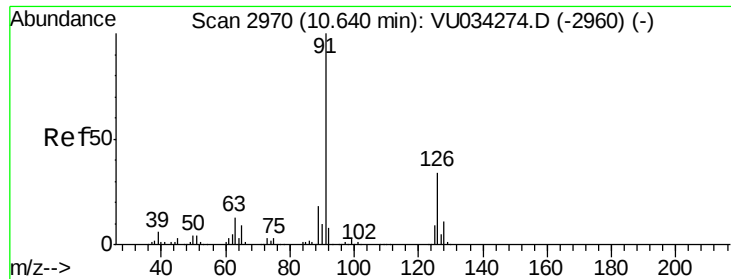
Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion:	91	Resp:	1079771
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 52.435 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 643380

Ion Ratio Lower Upper

91 100

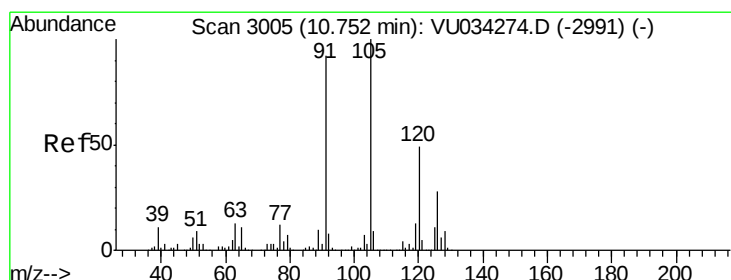
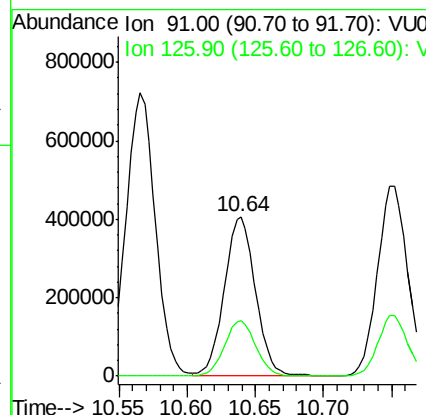
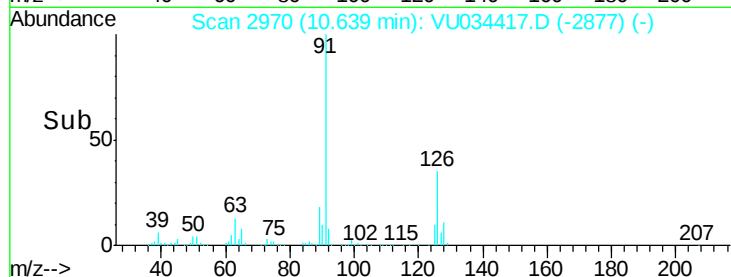
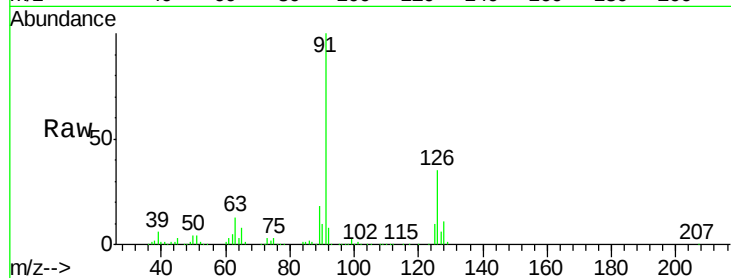
126 35.0 17.3 51.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.838 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034417.D

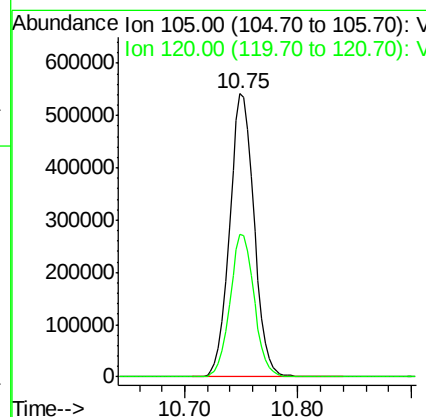
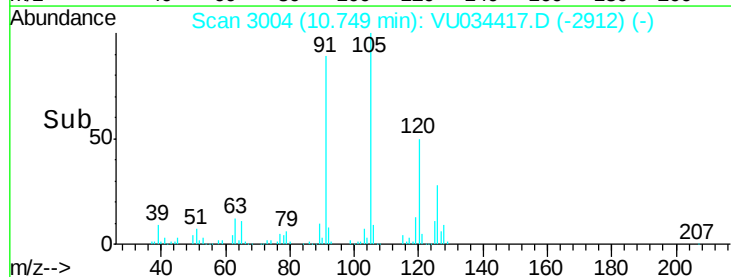
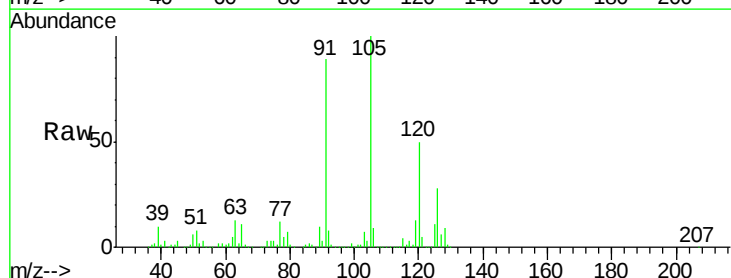
Acq: 09 Sep 2019 08:53

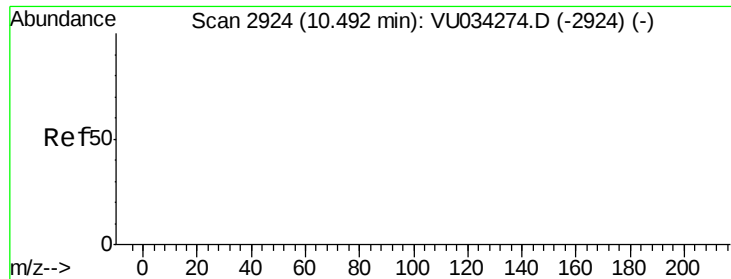
Tgt Ion: 105 Resp: 813148

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7





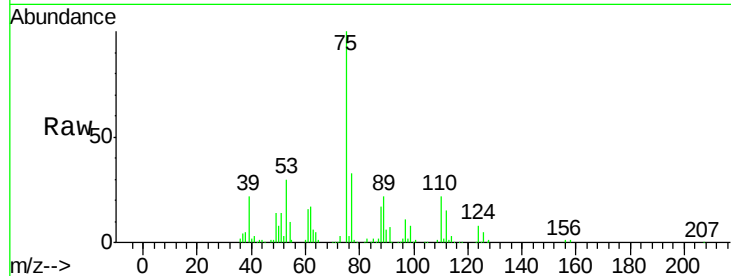
#81
trans-1,4-Dichloro-2-butene
Concen: 55.292 ug/l m
RT: 10.49 min Scan# 2923
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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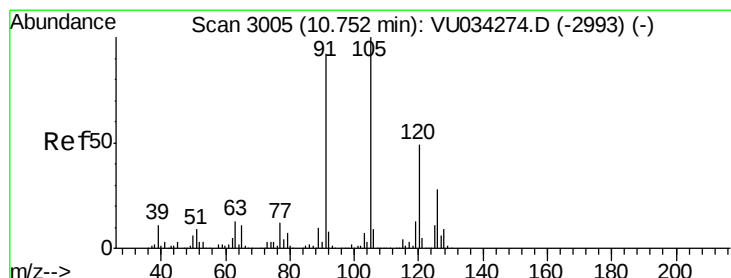
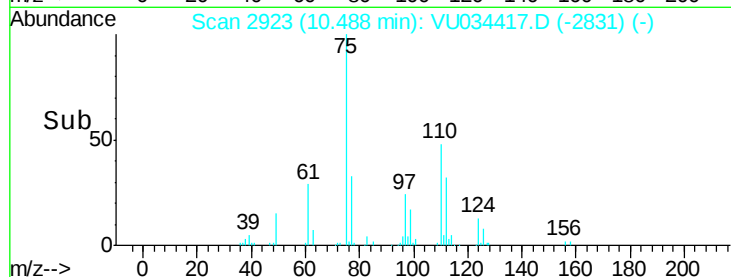
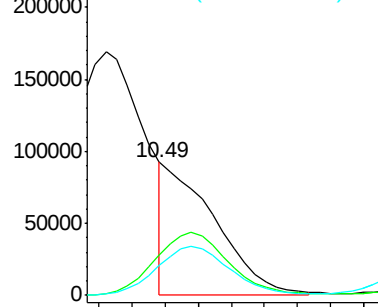
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Abundance Ion 74.90 (74.60 to 75.60): VU034417.D (-2924) (-)

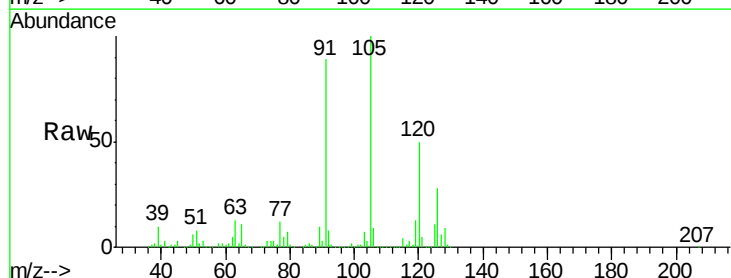
Ion 53.00 (52.70 to 53.70): VU034417.D (-2924) (-)

Ion 88.90 (88.60 to 89.60): VU034417.D (-2924) (-)



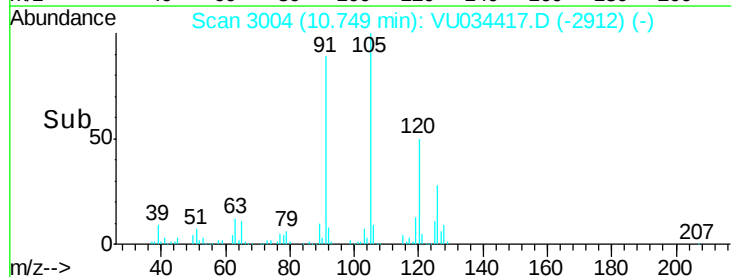
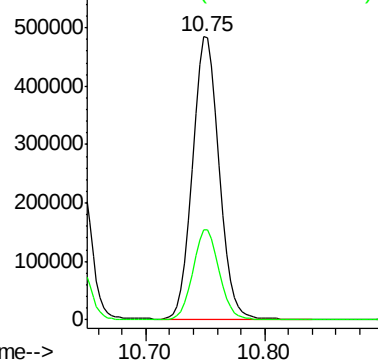
#82
4-Chlorotoluene
Concen: 53.016 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

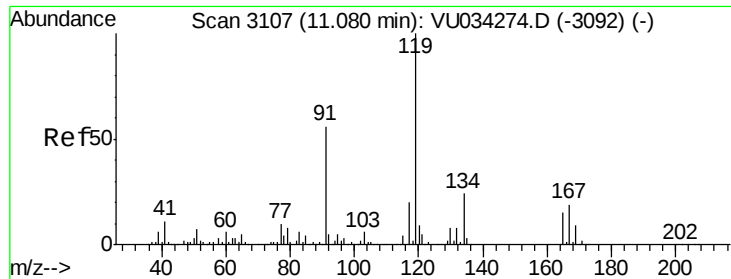
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.3	45.8



Abundance Ion 91.00 (90.70 to 91.70): VU034417.D (-2993) (-)

Ion 125.90 (125.60 to 126.60): VU034417.D (-2993) (-)





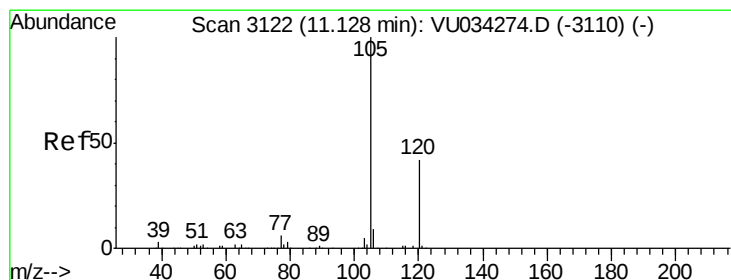
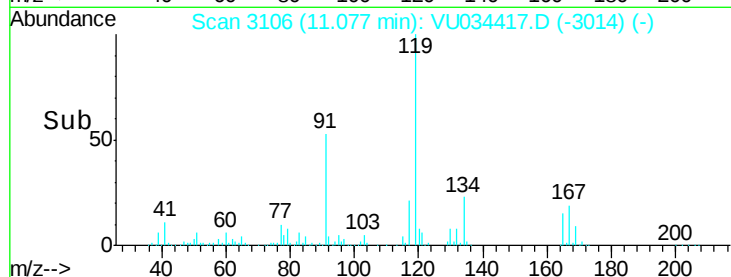
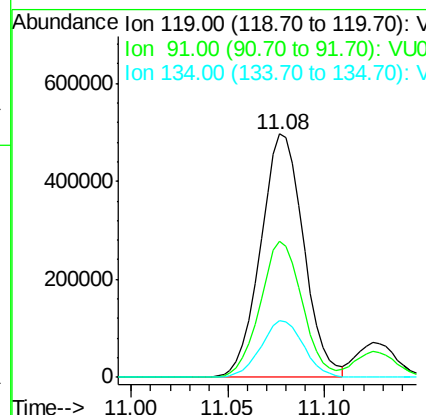
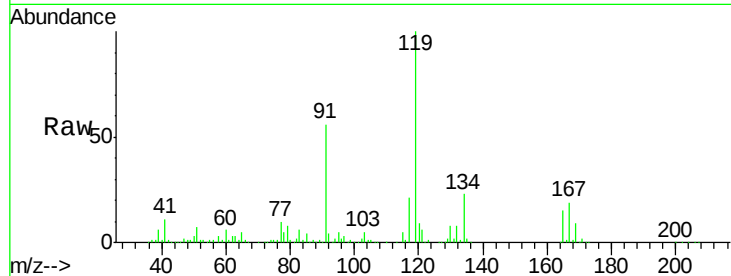
#83
tert-Butylbenzene
Concen: 52.871 ug/l
RT: 11.08 min Scan# 3106
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.8	83.4
134	23.2	11.7	35.0

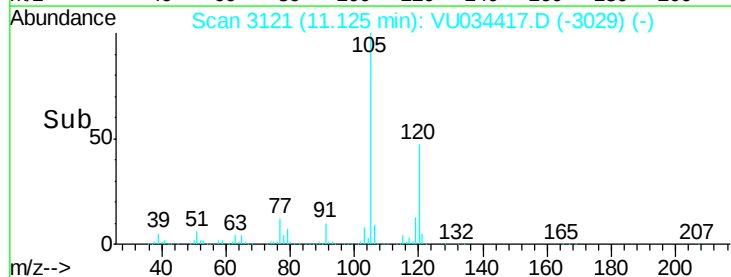
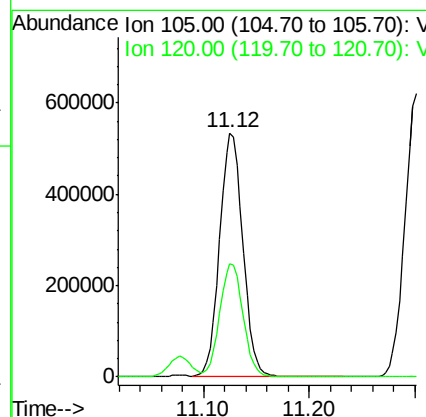
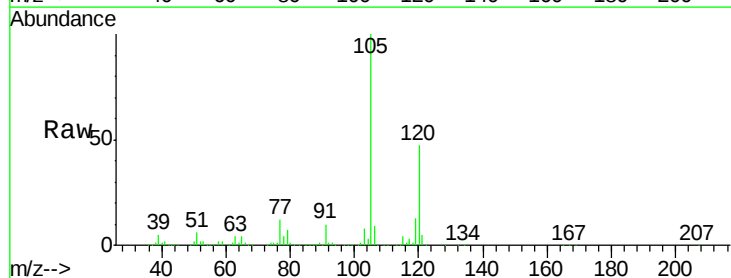
Manual Integrations
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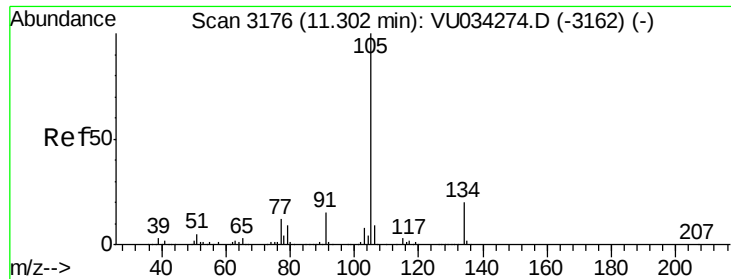
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#84
1,2,4-Trimethylbenzene
Concen: 55.534 ug/l
RT: 11.12 min Scan# 3121
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 54.318 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 934196

Ion Ratio Lower Upper

105 100

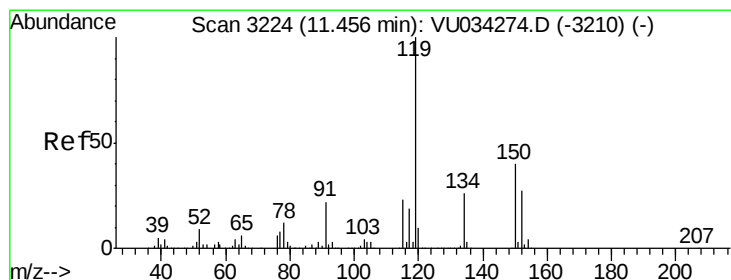
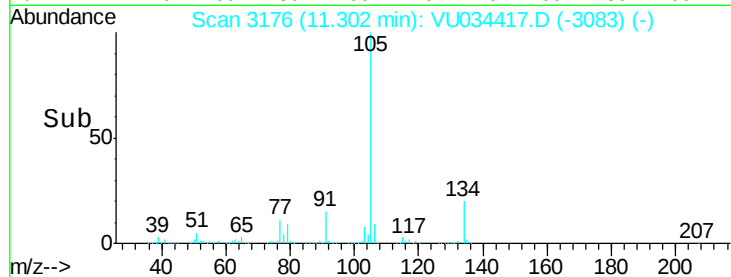
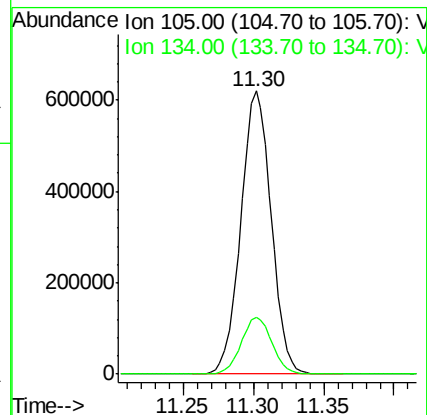
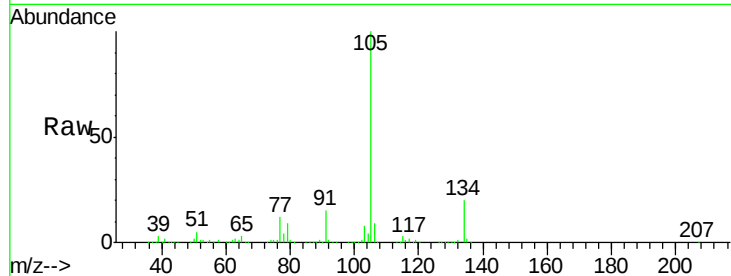
134 20.3 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.195 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

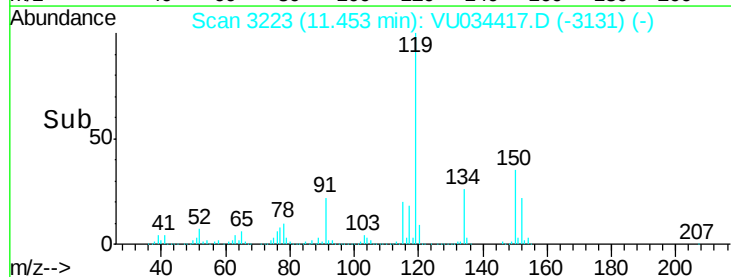
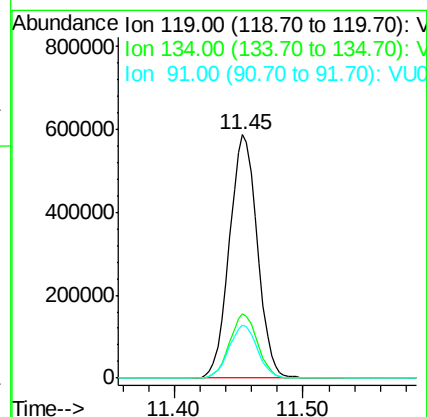
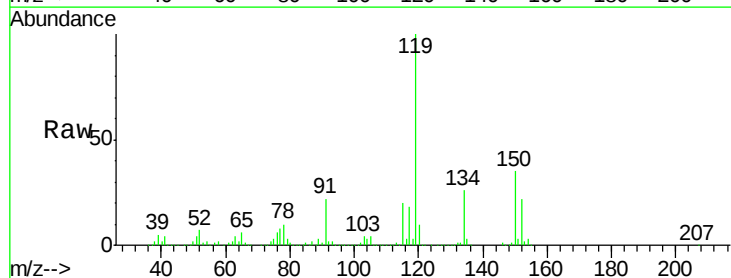
Tgt Ion:119 Resp: 876178

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.0 11.2 33.6





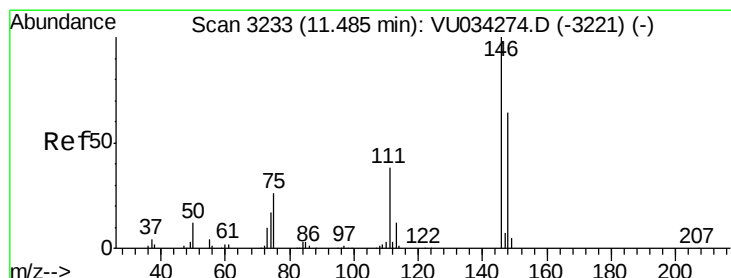
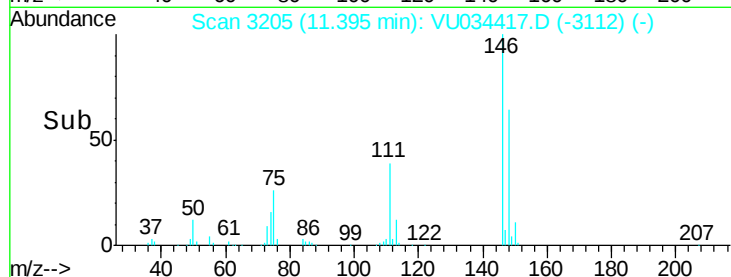
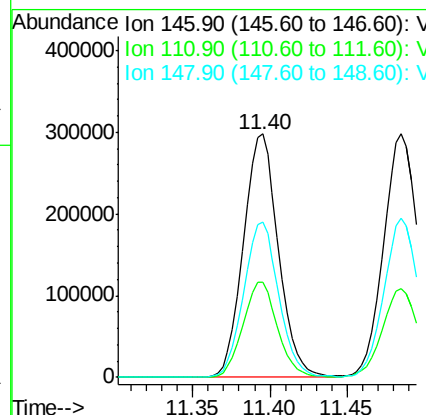
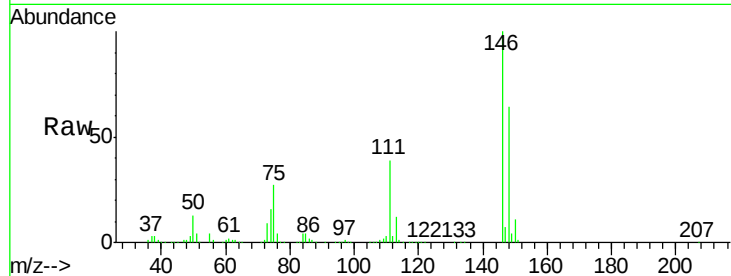
#87
 1,3-Dichlorobenzene
 Concen: 52.647 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.9	32.1	96.3

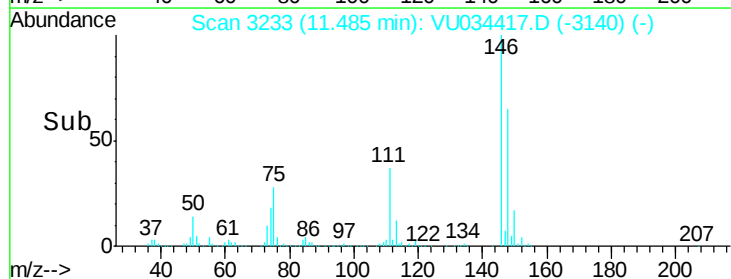
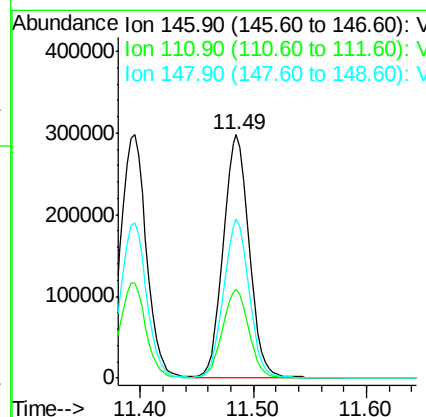
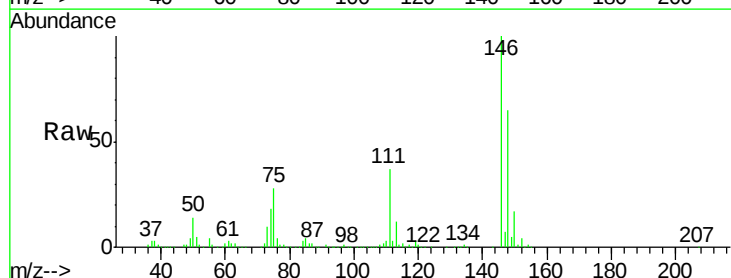
Manual Integrations
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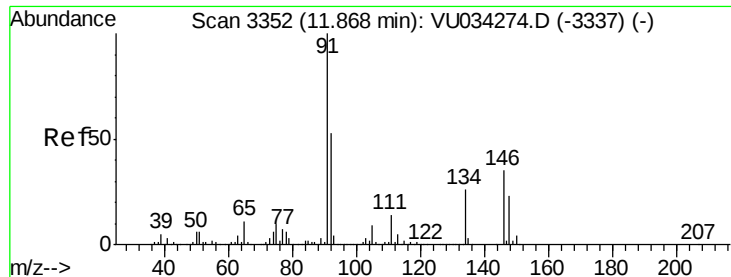
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#88
 1,4-Dichlorobenzene
 Concen: 51.031 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	64.8	32.0	96.0





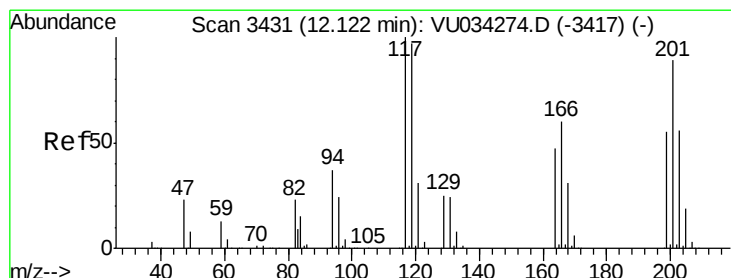
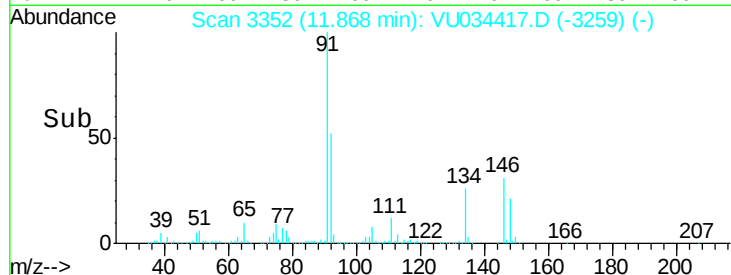
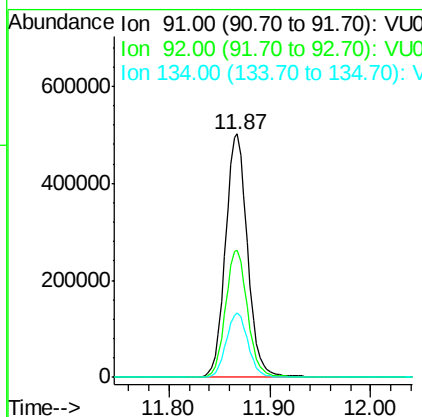
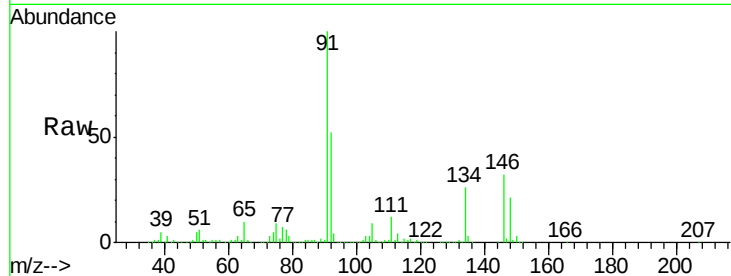
#89
n-Butylbenzene
Concen: 55.886 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.4
134	26.4	13.2	39.6

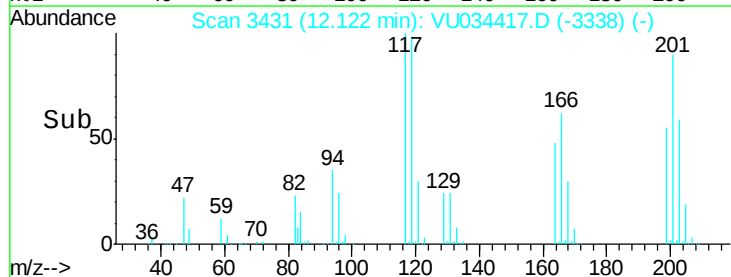
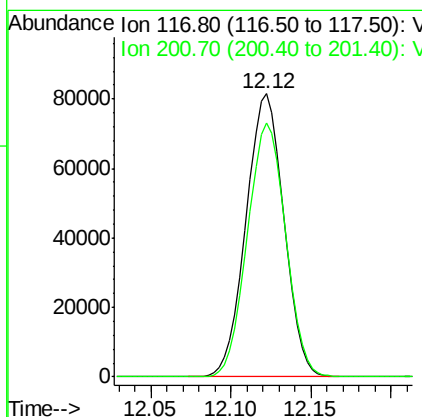
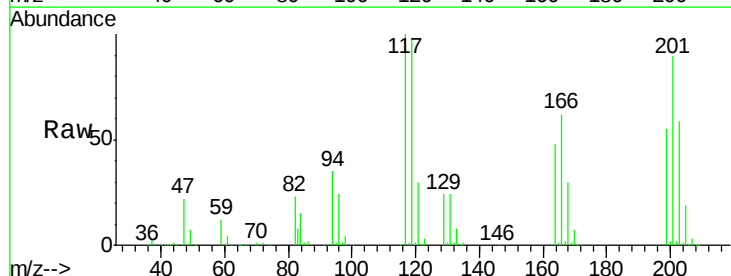
Manual Integrations
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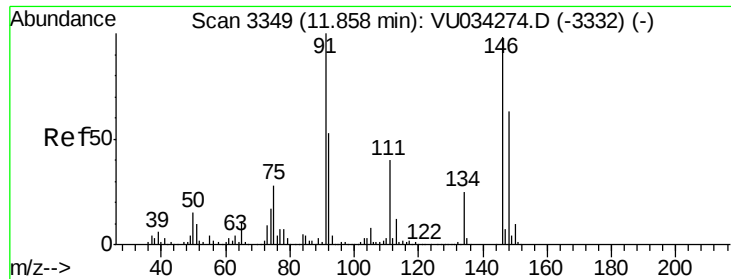
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#90
Hexachloroethane
Concen: 51.963 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	44.1	132.4





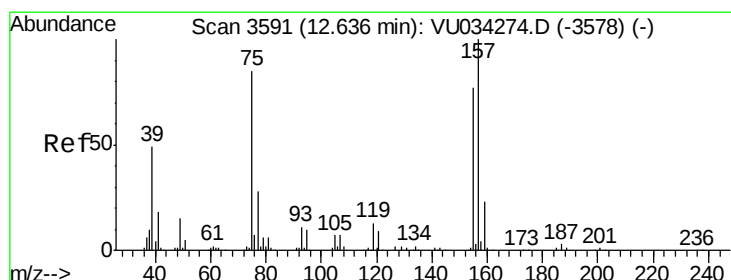
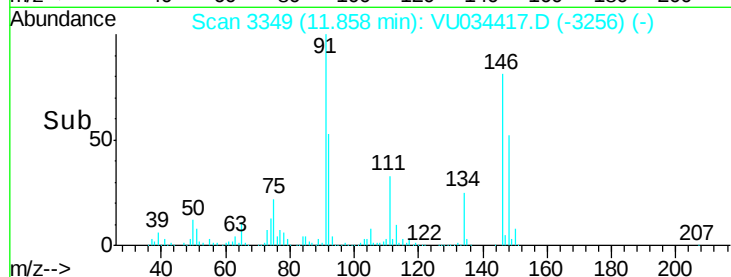
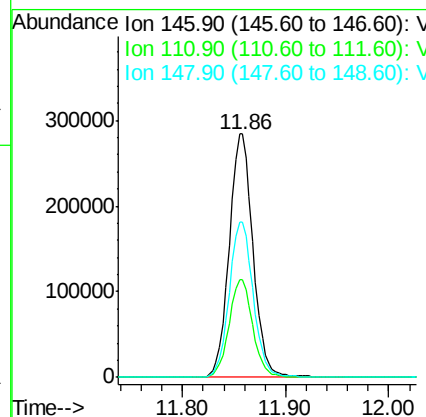
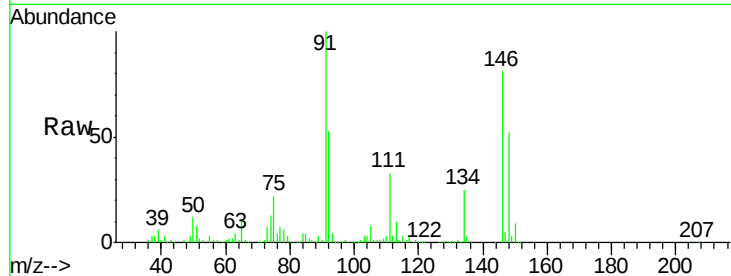
#91
 1,2-Dichlorobenzene
 Concen: 52.269 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.7	31.6	94.8

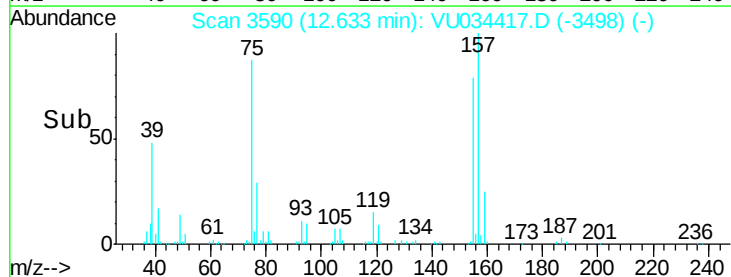
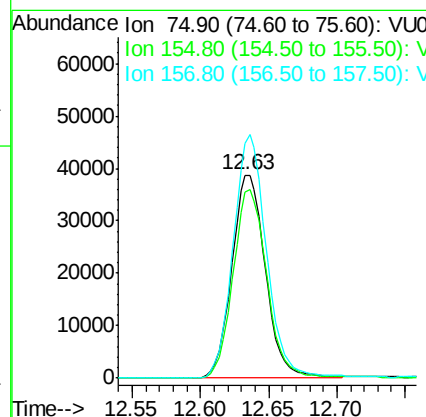
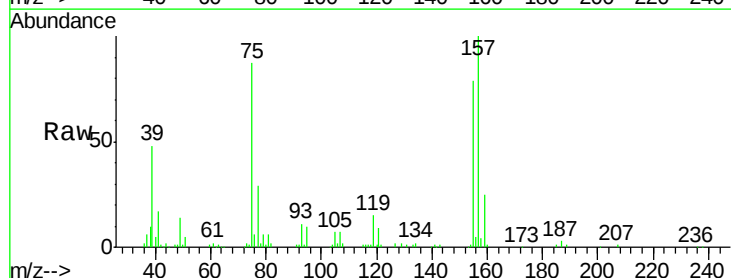
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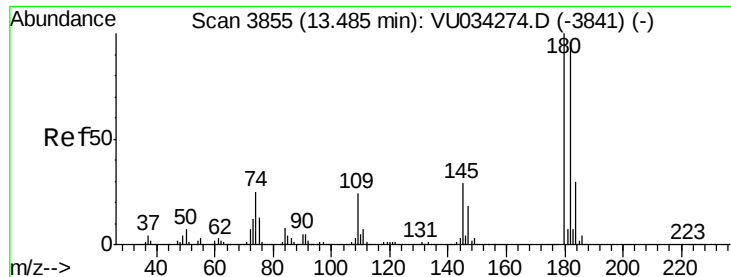
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.363 ug/l
 RT: 12.63 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	44.6	134.0
157	118.9	58.2	174.6





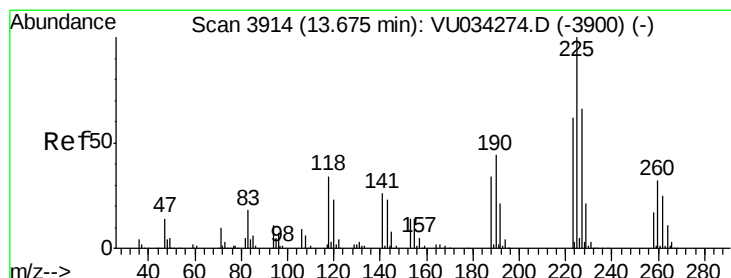
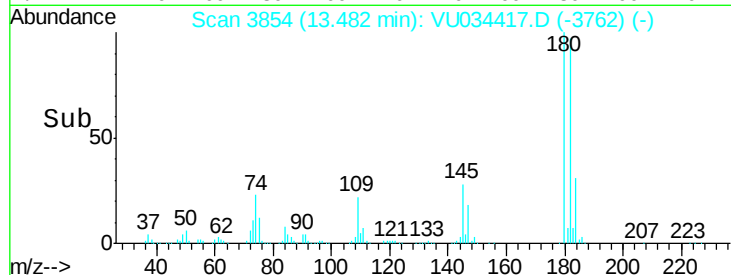
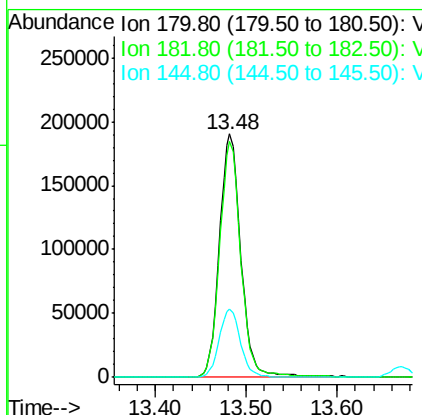
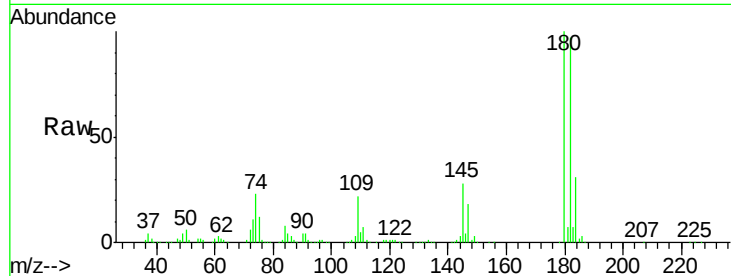
#93
 1,2,4-Trichlorobenzene
 Concen: 49.272 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	311671
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.8
145	27.8	14.4	43.0

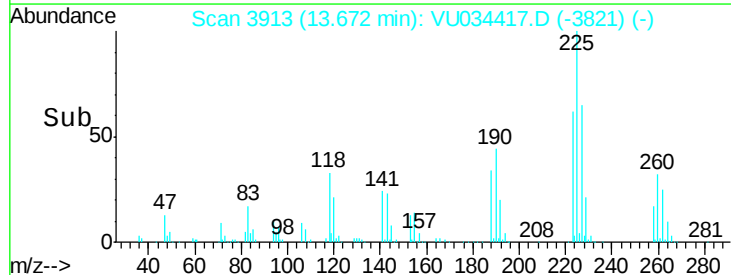
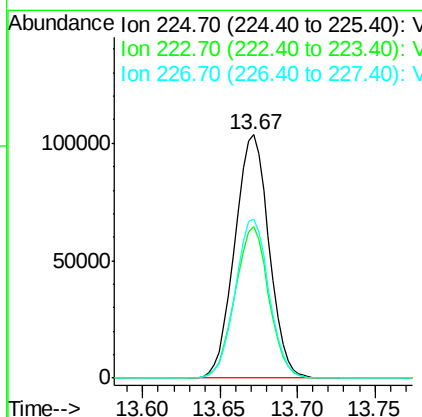
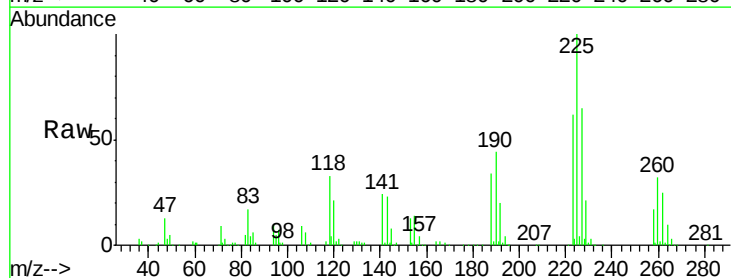
Manual Integrations
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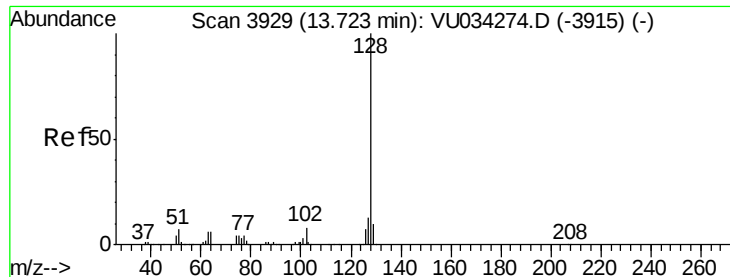
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#94
 Hexachlorobutadiene
 Concen: 52.239 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion:	225	Resp:	159549
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.6	94.7
227	64.4	32.3	96.8





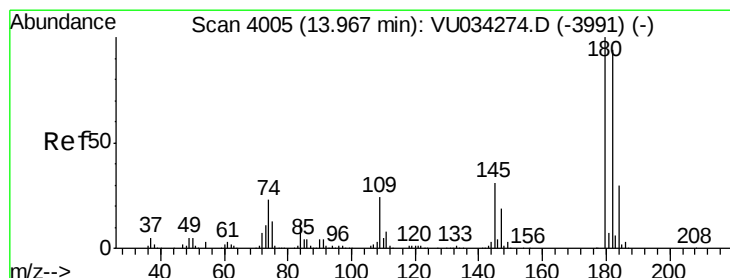
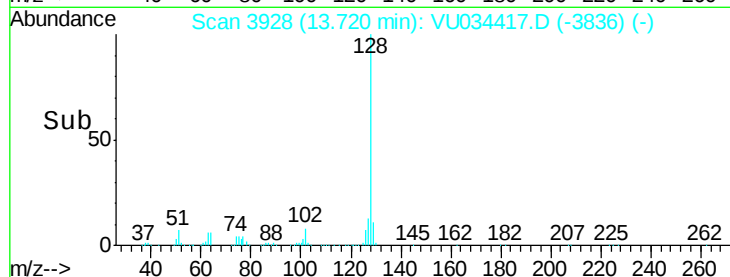
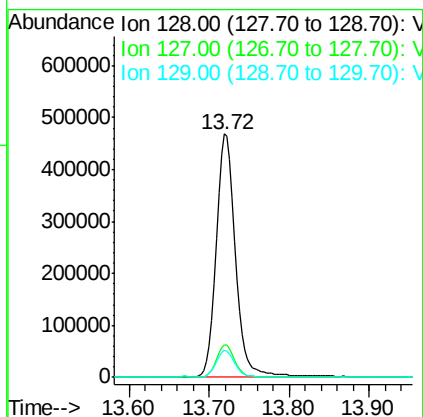
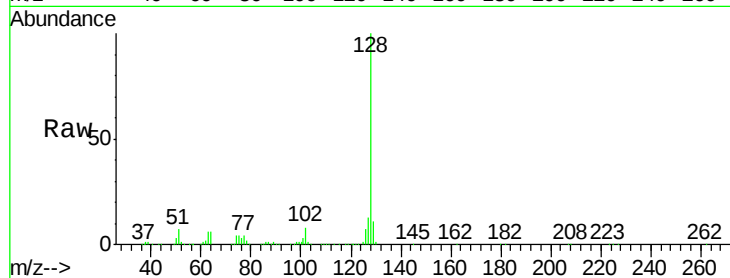
#95
Naphthalene
Concen: 44.872 ug/l
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.7	8.4	12.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.125 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.4	145.0
145	30.2	15.4	46.4

